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Getting Started

Congratulations on your SCEPTRE X37 37" LCD Television purchase. Thank you for your support of SCEPTRE and its LCD Television product line. The X37 is a precise electronic product and you should read the following instructions carefully to maximize its performance. It has passed regulatory safety certifications and you can be assured of the highest quality display with the utmost reliability. After you have finished reading the instructions, put them away in a safe place for future reference. Please also record the X37's part number and serial number as found on the label off the back of your LCD TV set, in the space provided below.

TV Display P/N: _____

TV Display S/N: _____

Package Contents

Your SCEPTRE X37 package includes:



- TV Display x 1
- User manual x 1
- Warranty Card x 1
- Power Cord x 1
- PC Audio Cable x 1
- HDMI/DVI Cable x 1
- Audio/Video Cable x 1
- Component (Y Pb Pr) Cable x 1
- Remote Control x 1
- Batteries x 2 (Size AA, R6)

Specifications

| Display panel | |
|-----------------------------|--|
| Item | Illustration |
| Active Area / Screen Size | 819.6 (H) x 460.8 (V)mm (diagonal 37.02 inches) |
| Aspect Ratio | Widescreen 16:9 |
| Pixel Pitch | 0.6 (H) x RGB x 0.6 (V)mm |
| Max. of Pixels (Resolution) | HD (1366 x 768 pixels) resolution |
| Brightness | 500 nits (Typical) |
| Contrast | 1000:1 (Typical) |
| Response Time | 8ms (gray to gray) |
| Viewing Angle | Typical 176 Degree (Horizontal/Vertical) |
| Lamp Life of Backlight | > 50,000hrs |

| TV DISPLAY | |
|--------------------------------|--|
| Dimension | 948.3(W)x692.9(H)x200(D)mm |
| Weight | 26.5 +/- 1Kgs |
| Power input | 100-240AVC, 50/60Hz, 3.6A max, 270W |
| Function | |
| (1)Video | |
| De-interlace | 3D |
| Frame conversion | Yes |
| Frame recover | 3:2, 2:2 |
| Noise reducing core technology | 3D |
| Aspect ratio | Auto, 16:9, 4:3, zoom full, zoom sub-title |
| Color enhancement | Vivid color, Skin tone, G, B |

| | |
|--|--|
| Sharpness | DLTI/DCTI |
| Gamma | 10 bit / 5 curves |
| Lamp adjust | Yes |
| Picture mode | User mode / Standard / Nature / Game/ Cinema |
| Video adjust | Contrast / Brightness / Sharpness / Color / Tint |
| 3 levels of color temp. for VGA | High / Middle / Low |
| (2)Audio | |
| Tone | Bass / Treble / Balance |
| Loudness | Yes |
| Speakers | 10 watt per channel |
| (3) General | |
| Channel auto scan | Yes |
| Quick channel change | 2 digit channels and change channel within 0.3s |
| Sleep timer | Off /30mins /60mins /90mins /120mins |
| Standby power | Under 5W |
| Timing support-Video | 480i / 480p / 720p / 1080i / 1080p scaled (1080p is possible under HDMI only) |
| Note: | |
| <p>Standard Definition TV (SDTV): Basic digital television transmission that may be displayed with fewer than 480 progressively scanned lines (480p) in 16:9 or 4:3 format. 480 interlaced (480i) is the quality of today's analog TV system. SDTV provides 150-300,000 pixels.</p> | |
| <p>Enhanced Definition TV (EDTV): A better digital television transmission than SDTV with at least 480p, in a 16:9 or 4:3 display. 480p is the quality used by most DVD players. EDTV provides 300-400,000 pixels.</p> | |
| <p>High-Definition Television (HDTV): The best quality digital picture, widescreen (16:9) display with at least 720 progressively scanned lines (720p), 1080 interlaced lines (1080i), or scaled 1080 progressively scanned lines (1080p). HDTV provides 900,000-2.1 million pixels. Please Note : 1080p is scaled to the panel's native resolution and can only be achieved through the source, HDMI.</p> | |

| | |
|---------------------|--|
| PC timing | 1360*768@60Hz(NATIVE) 1280*768@60Hz 1024*768@60Hz 800*600@60Hz 640*480@60Hz |
| (4)NTSC/ATSC | |
| NTSC | Sound: Mono / Stereo / SAP |
| | Favorite Channel |
| | V-chip |
| | Closed caption (CC1-CC4, Text 1-Text 4) |
| ATSC | Sound: Mono / Stereo / SAP |
| | Favorite Channel |
| | V-chip |
| | Video input format: 1080i, 720p, 480p, 480i |
| | Analog closed caption: (CC1-CC4, Text 1-Text 4) Digital closed caption: (Service 1-Service 6) |
| (5)I/O | |
| NTSC | AV1, AV2, YPbPr1, YPbPr2, HDMI/HDCP (option), AV Line out, Sub woofer out, Head phone, Audio In |

Opening the Package

The SCEPTRE X37 is packaged in a carton. Any standard accessories are packed separately in another carton.

The weight of the LCD display is approximately 59 lbs. Due to the size and weight of the product, it is suggested that it must be handled by a minimum of 2 or more persons.

Since the glass can be easily scratched or broken, please handle the product gently. Never place the unit on a surface with the glass facing downwards unless it is on protective padding.

When opening the carton, check that the product is in good condition and that all standard accessories and items are included.

Save the original box and all packing materials for future shipping needs.

Installation

Please read the user manual carefully before performing the installation.

The power consumption of the display is approximately 270 watts.

Please use the power cord designated for the product. When an extension cord is required, use one with the correct power rating. The cord must be grounded and the grounding feature must not be defeated.

The product should be installed on a flat surface to avoid tipping. Space should be maintained between the back of the product and the wall for proper ventilation. If you would like to mount the TV onto the wall, please see page 14 for additional information.

Avoid installing the product in the kitchen, bathroom or other places with high humidity dust or smoke, so as not to shorten the service life of the electronic components. Please ensure the product is installed with the screen in landscape orientation. Any 90° clockwise or counterclockwise installation may induce poor ventilation and successive component damage.

Important Safety Guidelines

This product is designed and manufactured to operate within defined design limits, and misuse may result in electric shock or fire.

To prevent the product from being damaged, the following rules should be observed for the installation, use and maintenance of the product. Read the following safety instructions before operating the display. Keep these instructions in a safe place for future reference.

- To avoid the risk of electric shock or component damage, switch off the power before connecting other components to the X37 LCD TV.
- Unplug the power cord before cleaning the X37 LCD TV. A damp cloth is sufficient for cleaning the X37 LCD TV. Do not use a liquid or a spray cleaner for cleaning the product. Do not use abrasive cleaners.
- Always use the accessories recommended by the manufacturer to insure compatibility.
- When moving the X37 LCD TV from an area of low temperature to an area of high temperature, condensation may form on the housing. Do not turn on the X37 LCD TV immediately after this to avoid causing fire, electric shock or component damage.
- Do not place the X37 LCD TV on an unstable cart, stand, or table. If the X37 LCD TV falls, it can injure a person and cause serious damage to the appliance. Use only a cart or stand recommended by the manufacturer or sold with the X37 LCD TV.
- Any heat source should maintain a distance of at least 5 feet away from the X37 LCD TV, i.e. radiator, heater, oven, amplifier etc. Do not install the product too close to anything that produces smoke or moisture. Operating the product close to smoke or moisture may cause fire or electric shock.
- Slots and openings in the back and bottom of the cabinet are provided for ventilation. To ensure reliable operation of the X37 LCD TV and to protect it from overheating, be sure these openings are not blocked or covered. Do not

place the X37 LCD TV in a bookcase or cabinet unless proper ventilation is provided.

- Never push any object into the ventilation slots of the X37 LCD TV. Do not place any objects on the top of the product. It could short circuit parts causing a fire or electric shock. Never spill liquids on the X37 LCD TV.
- The X37 LCD TV should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
- The power cable must be replaced when using different voltage from that specified in the User Manual. For more information, contact your dealer.
- The X37 LCD TV is equipped with a three-pronged grounded plug, a plug with a third (grounding) pin. This plug will fit only into a grounded power outlet as a safety feature. If your outlet does not accommodate the three-wire plug, have an electrician install the correct outlet, or use an adapter to ground the appliance safely. Do not defeat the safety purpose of the grounded plug.
- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.
- The wall socket should be installed near the equipment and should be easily accessible.
- Only the marked power source can be used for the product. Any power source other than the specified one may cause fire or electric shock.
- Do not touch the power cord during thunderstorms. To avoid electric shock, avoid handling the power cord during electrical storms.
- Unplug the unit during a lightning storm or when it will not be used for a long period of time. This will protect the X37 LCD TV from damage due to power surges.
- Do not attempt to repair or service the product yourself. Opening or removing the back cover may expose you to high voltages, the risk of electric shock, and other hazards. If repair is required, please contact your dealer and refer all servicing to qualified service personnel.

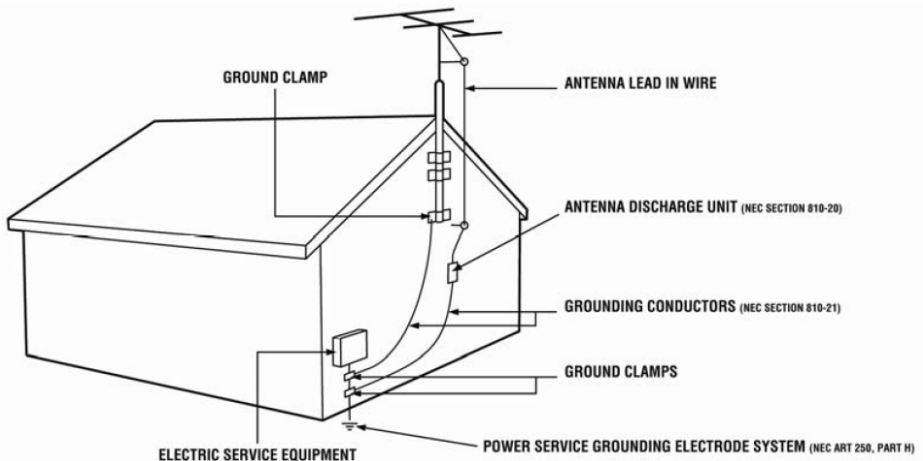
- Keep the product away from moisture. Do not expose this appliance to rain or moisture. If water penetrates into the product, unplug the power cord and contact your dealer. Continuous use in this case may result in fire or electric shock.
- Do not use the product if any abnormality occurs. If any smoke or odor becomes apparent, unplug the power cord and contact your dealer immediately. Do not try to repair the product yourself.
- Avoid using dropped or damaged appliances. If the product is dropped and the housing is damaged, the internal components may function abnormally. Unplug the power cord immediately and contact your dealer for repair. Continued use of the product may cause fire or electric shock.
- Do not install the product in an area with heavy dust or high humidity. Operating the product in environments with heavy dust or high humidity may cause fire or electric shock.
- Hold the power connector when removing the power cable. Pulling the power cable itself may damage the wires inside the cable and cause fire or electric shocks. When the product will not be used for an extended period of time, unplug the power connector.
- To avoid risk of electric shock, do not touch the connector with wet hands.
- Insert batteries in accordance with instructions while using the remote control. Incorrect polarities may cause damage and leakage of the batteries, operator injury and contamination the remote control.
- If any of the following occurs please contact the dealer:
 - The power connector fails or frays.
 - Liquid sprays or any object drops into the X37 LCD TV.
 - The Display is exposed to rain or other moisture.
 - The Display is dropped or damaged in any way.
 - The performance of the Display changes substantially.
- Operating environment: Temperature: 5°C ~ 35°C, Humidity: 10% to 90% non-condensing, Altitude: 0~10,000 ft.

Television Antenna Connection Protection

External Television Antenna Grounding

If an outside antenna or cable system is to be connected to the LCD TV, make sure that the antenna or cable system is electrically grounded to provide some protection against voltage surges and static charges.

Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of the grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements of the grounding electrode.



Lightning Protection

For added protection of the LCD TV during a lightning storm or when it is left unattended or unused for long periods of time, unplug the LCD TV from the wall outlet and disconnect the antenna or cable system.

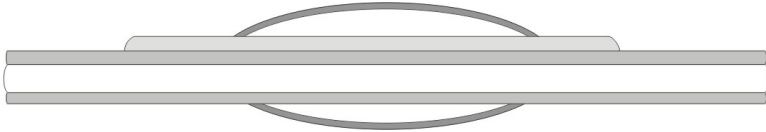
Power Lines

Do not locate the antenna near overhead light or power circuits, or where it could fall into such power lines or circuits.

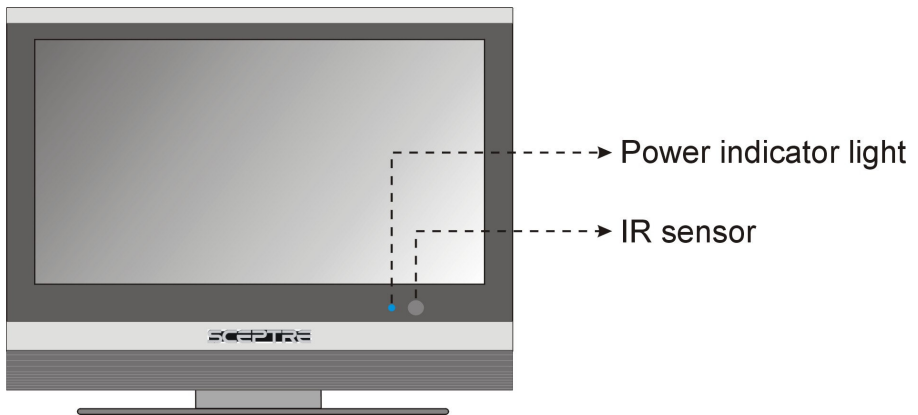
Product Browse

Display

Top View



Front View

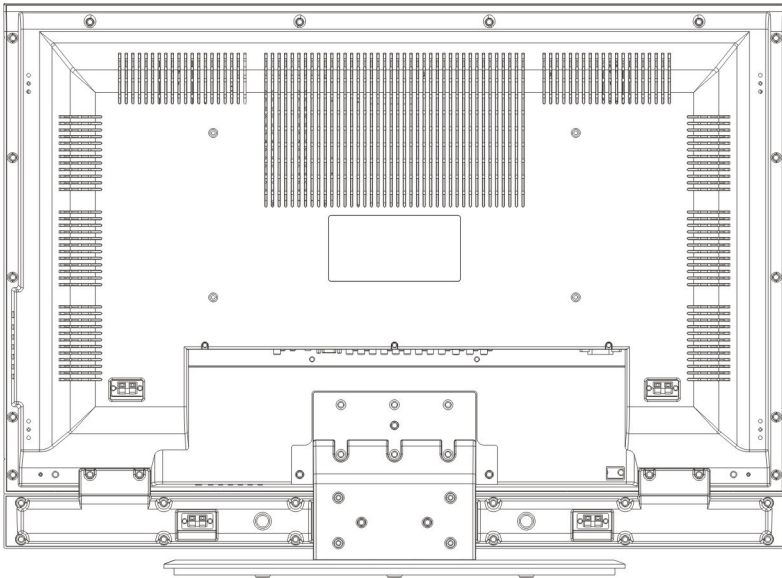


Note:

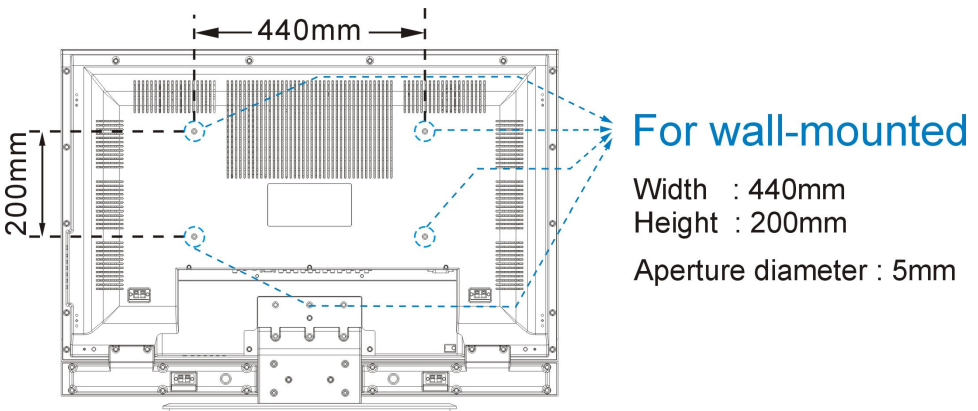
Power indicator: If light is blue, the TV is turned on. If the light is red, the TV is turned off and in standby mode. If the light is off, the inverter connector is not connected and no power is provided to the display panel.

IR sensor: Remote Control Sensor – This is the sensor that passes all of the remote signals to the TV. Point the remote control directly at this sensor for the best response to the remote signal.

Rear View

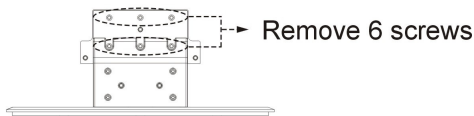
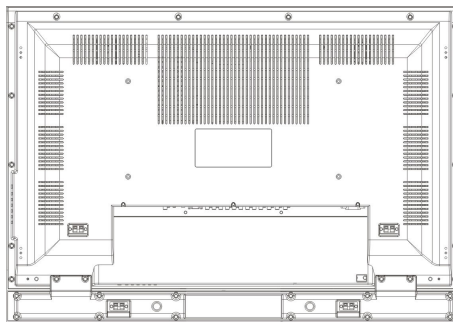


Wall-mount Specifications

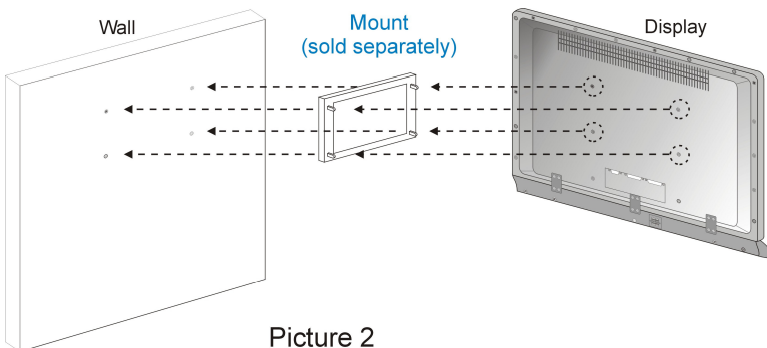


Wall-mounted Instructions

1. Unplug all the cables and cords from the LCD TV.
2. Place the LCD TV face down on a soft and flat surface (blanket, foam, cloth, etc) to prevent any damage to the display.
3. Remove the 6 screws on the back panel of the TV located near the bottom so that the base stand can be removed (see Picture 1).
4. Gently pull the stand away from the display by grasping firmly to the base.
5. Now, the display can fit securely to a mount (sold separately) by utilizing the mounting holes in the center of the back panel of the display (see Picture 2).

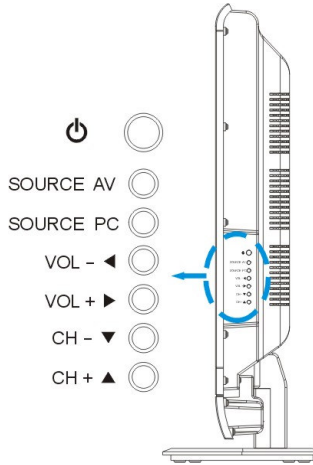


Picture 1



Picture 2

Side View



About Control Keys

Power SOURCE AV SOURCE PC ◀ VOL ▶ ▲ CH ▼



Power on/off – Please note this is a passive power button and doesn't physically cut power off the TV but turn the TV into standby mode. When turning LCD on/off, wait 5-10 seconds before pressing the power button again.

SOURCE AV Press this button to select among the following Video inputs – TV, AV1, AV2, YPbPr1(Component1), YPbPr2(Component2).

SOURCE PC Press this button to select among the following PC or DTV inputs – DTV, HDMI, HDCP, DVI, VGA-PC. Please note HDMI, HDCP, and DVI are physically shared under the same HDMI port.

◀ **VOL** ▶ Press the VOL buttons to adjust the audio volume.

▲ **CH** ▼ Press the CH buttons to switch between preprogrammed channels. If you are using DTV to view your television you can also use the EPG button to navigate your channels.

TV Info Explained

TV / DTV On the top 1/3rd of the screen an information bar will appear, the information displayed will include what program you're watching, what time slot the program is playing in and what format the program is being displayed in.

Source PC & AV Explained

DTV For ATSC tuner use only. ATSC tuner is a high definition over the airwave tuner that uses a high definition antenna to tune to local channels. If your local channel broadcasts in high definition this tuner will display high definition picture on the TV.

HDMI HDMI stands for High Definition Multimedia Interface. This type of connection is designed so that 1 single cable can handle both high definition digital video and audio at the same time. To view video and listen to audio with this source you must have a HDMI to HDMI cable. This type of connection is primarily used by satellite or digital cable boxes, up conversion DVD players, and HD DVD players.

HDCP HDCP stands for High-bandwidth Digital Content Protection. This type of function is designed so high definition videos cannot be copied while hooked up to a recording device. HDCP is enabled in HDMI and in HDCP DVI mode. This type of connection is primarily used by satellite or digital cable boxes and up conversion DVD players. Please note to get sound out of HDCP mode you must connect an audio cable from your audio video device to the audio port labeled "Audio In".

DVI DVI stands for Digital Video Interface. This type of connection is designed so video can be digitally transferred to the television displaying the colors of any video more accurately and vividly. This interface can be used by PC only. Please note to get sound out of DVI mode you must connect an audio cable from your audio video device to the audio port labeled "PC Audio In".

VGA-PC VGA stands for Video Graphics Array. This type of connection is designed so

people can use their PCs on the 37" LCD/TV. This type of connection is primarily used by personal computers. Please note to get sound out of VGA mode you must connect an audio cable from your audio video device to the audio port labeled "PC Audio In".

- TV This connection is for the TV tuner only. TV tuner is actually a NTSC standard tuner, which can scan over the airwave UHF/VHF or Analog Cable (cable directly hooked up into the TV) TV stations and display them at standard definition (regular TV video resolution). This connection is primarily used by non-HD antennas or analog cables.
- AV1/AV2 This connection is for common audio video devices that use RCA (red, yellow, and white) cable. This connection is primarily used by VCR, DVD player, DV camcorder, and video game consoles (XBOX 360, PS3, Gamecube).
- YPbPr 1 YPbPr is commonly known as component. High definition audio video
- YPbPr 2 devices can be connected to the port via 3 wires, red, green, and blue. Older audio video devices that display high definition video use this port. This connection is primarily used by DVD player, satellite box, digital cable box, and video game consoles (XBOX 360, PS3, Gamecube).

I/O Connector Definitions

1. AC Power

This connection is for providing power to the TV. This connection uses a standard computer power cord.

2. TV Tuner

This connection port is used for connecting antenna, satellite box or cable service via TV source. If you are using a satellite box, select cable as your cable/air setting. If you are connecting for cable service or antenna, please don't forget to switch for the correct setting under TV setup and scan for the channels. This connection uses a coaxial cable.

3. Service Port

This is used for factory service by SCEPTRE's technicians (do not tamper with this port).

4. AV1 & AV2

These connection ports are used for connecting composite devices, such as VCR, DVD player, game console, or set-top box via AV1 or AV2 source. Use the connectors white (L) and red (R) for audio and the yellow (AV) for video. You can also substitute the yellow (AV) by using the black connector (S-VIDEO) for a better picture. Please note you can only connect one type of video connector at a time. Please do not connect both S-VIDEO and AV at the same time. This connection uses RCA audio cable for sound, composite cable for video or s-video cable for video.

5. Line Out

This connection port is used for sending out audio signals to other audio devices such as stereo/surround sound receivers and sending out video signals to other video device such as TV monitor or VCR. The red (R) and white (L) connectors sends out the audio signal. The yellow (AV OUT) connector sends out the video signal. The black (SUBWOOFER OUT) connector sends out bass signals to a subwoofer. This connection uses RCA audio cable for sound, composite cable for video, and a subwoofer cable for bass.

6. **Component 1 & Component 2**

This connection port is for connecting DVD players, game consoles, or set-top boxes via YPbPr1 source. Use the connectors indicated by the green (Y), blue (Pb), and red (Pr) for video, and the white (L) and red (R) connectors for audio input. Select YPbPr 1 source for video/audio. This connection uses component cable.

7. **VGA (High Definition Capable)**

This connection port is used by PCs via VGA-PC source.

8. **Headphone Out**

This connection port is for people who want to use a headphone with the TV. The connection port uses a 3.5mm mini-jack audio cable.

9. **PC Audio In**

This connection port is for people who want to provide audio to the TV when using a PC. The sources it provides audio for are DVI or VGA-PC. You plug the provided 3.5mm mini-jack audio cord into your PC sound card and this port.

10. **HDMI (High Definition Capable)**

This connection port receives audio and high definition signal through one single cable. It also doubles as HDCP source and DVI source with the provided HDMI to DVI conversion cable. You can connect an up conversion DVD player, computer (via DVI source), or set-top box through this cable.

11. **Audio In**

This connection port is to provide audio to the TV when using A/V devices such as Set-Top Box with a DVI or HDCP output. You can use the RCA red/white connectors for connection.

12. **ATSC Tuner**

This connection port is for connecting digital cable or high definition antennas. The tuner will tune to unscrambled digital cable channels or over the air wave high definition local channels. This connection port uses a coaxial cable.

Picture Quality of All Connections from Ok to Best

1. **TV Tuner (OK)**

Analog video - 480i.

2. **AV1 & AV2 (Basic)**

Analog Video - 480i. The yellow connector provides all the video information.

3. **S-VIDEO (Fair)**

Analog Video - 480i. The black connector separates between black and white information and color information therefore displaying sharper text and video.

4. **Component (Good)**

Analog HD Capable Video - 480i, 480p, 720p, 1080i. The video signal is separated into three different cables each carrying different video data thus providing a superior picture over S-Video.

5. **ATSC Tuner (Good)**

Digital HD Capable Video - 480i, 480p, 720p, 1080i. The video signal is received via over the air wave digital antenna into a HDTV decoder board. Since the signal is purely digital, color information is precise and picture quality is life like.

6. **VGA (Better)**

Analog HD Capable Video - 480i, 480p, 720p, 1080i. When doubled as a component port with VGA to Component cables the video quality is similar to Component, but this is a PC connector by default. When used on a PC, 1360*768 MAX resolution is made available via PC's video card.

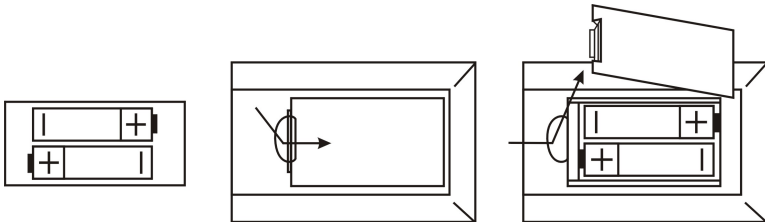
7. **HDMI (Best)**

Digital HD Capable Video - 480i, 480p, 720p, 1080i, 1080p (scaled). This connection is pure digital audio/video, full uncompressed bandwidth capable of supplying the highest sharpest picture quality available in the market. When used as a DVI port with the HDMI to DVI conversion cable, 1360*768 resolution is available and graphics/text is clearer and crisper than VGA.

Quick Installation

Installation batteries of remote control

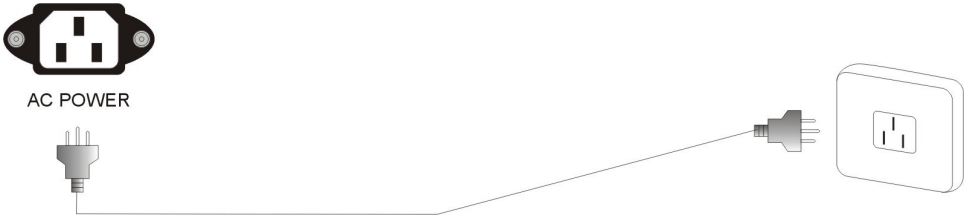
- (1). Insert two AA batteries into the remote control. Make sure + and – are facing the proper direction.
- (2). Replace the cover.



If the remote control is not to be used for a long time, remove the batteries. Keep the remote control away from moisture, sunlight, and high temperatures.

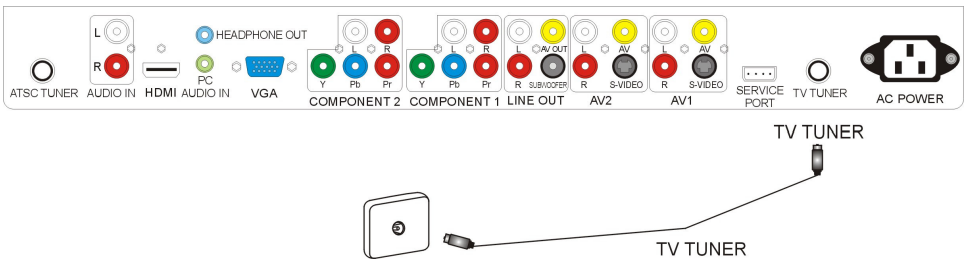
■Connecting the AC Power Cord

Connect AC power to the power source.



Connecting TV Tuner

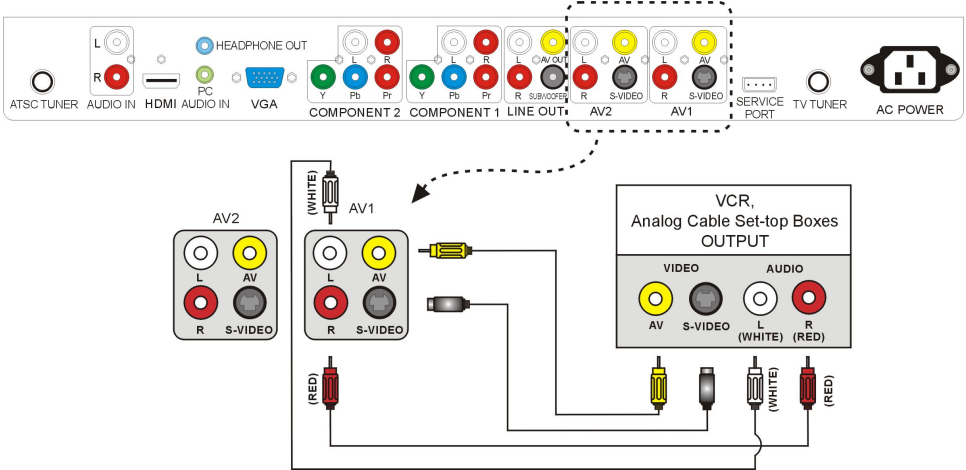
TV tuner can accept only coaxial cable from either analog cable or antenna. Antenna is for over the airwave television. Analog cable is for cable hooked directly into the TV for cable channels.



Connecting AV1 / AV2 Port

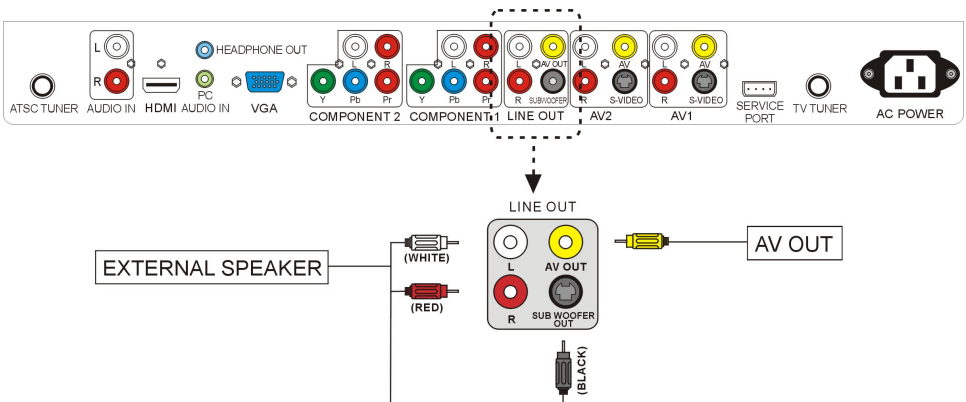
AV1 and AV2 is for connecting VCR, Camcorders and other devices that uses composite or S-Video for video and RCA red/white wires for audio.

Note : You can only connect to S-Video or composite one at a time.



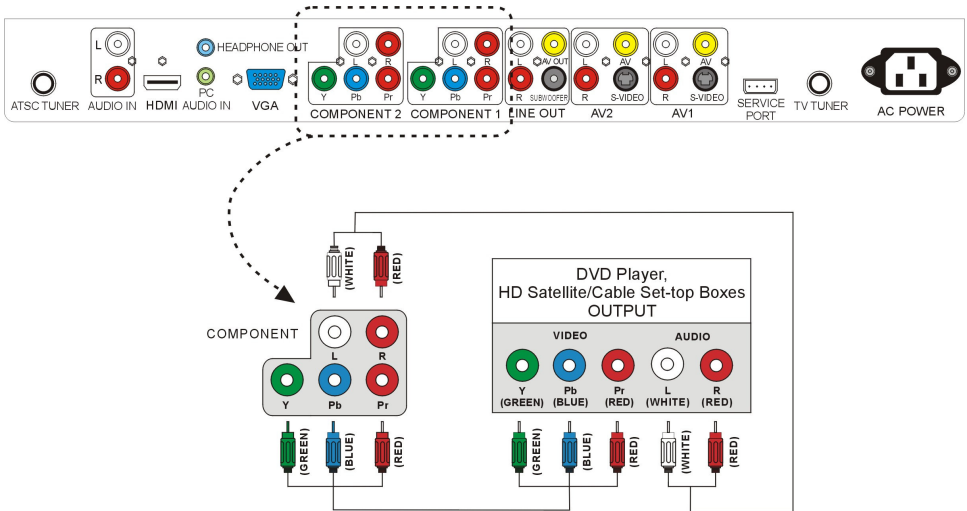
Connecting Line Out Port

If you have better speakers, which you would like to connect directly to the TV, you can do so via the Line Out port. You can also connect a subwoofer to the TV's direct Subwoofer Out port for better bass. If you have a receiver, it is recommended that your subwoofer and speakers be connected to the receiver instead. The AV out is designed to output video signal to another TV.



Connecting Component HD Port

Component is for connecting DVD Player, HD Satellite/Cable Set-top Boxes or other device that uses component wires (red, green, blue wires) for video and RCA red/white wires for audio.

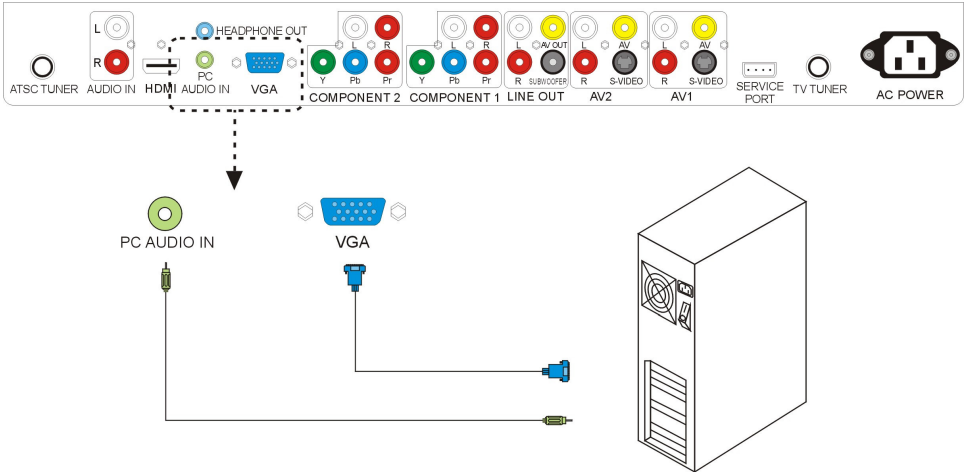


Note: Refer to your DVD player, HD Satellite/Cable Set-top Boxes or other device with component HD port user manual for more information about the video output requirements of the product.

Connecting VGA Port

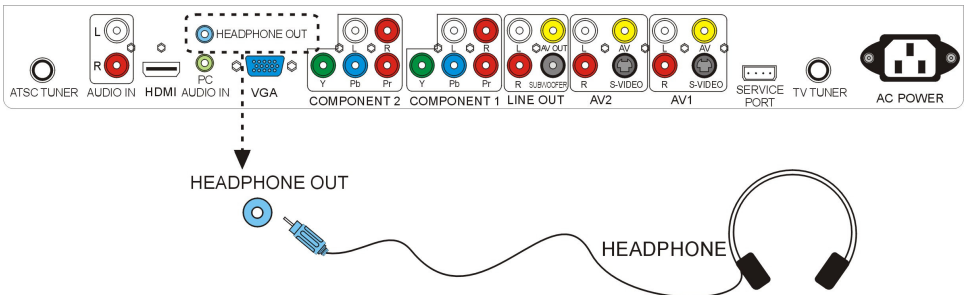
The VGA port is for connecting to a PC system. Please use a VGA cable to connect from the PC to the 37" LCD's VGA port. For sound connect the 3.5mm mini-jack cable from PC Audio In to the PC's sound card.

Note : If you have separate PC speakers, please disregard the audio cable connection picture below.



Connecting Headphone Out Port

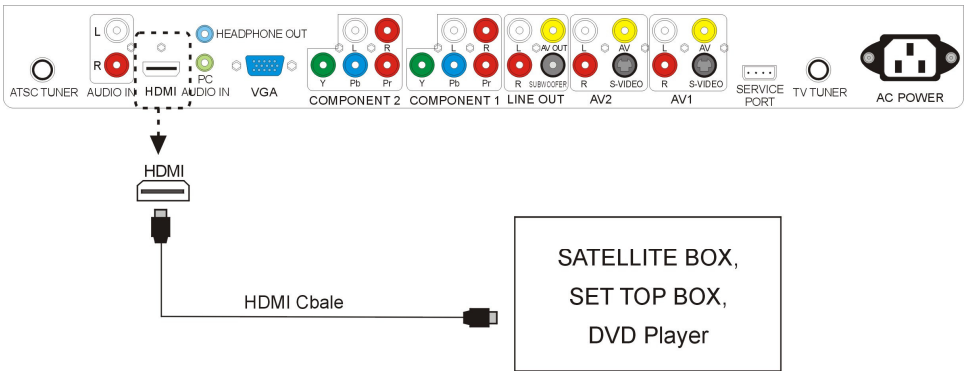
The headphone out port is for connecting to a headphone. Please note while a headphone is connected to headphone out, the TV speakers will be muted.



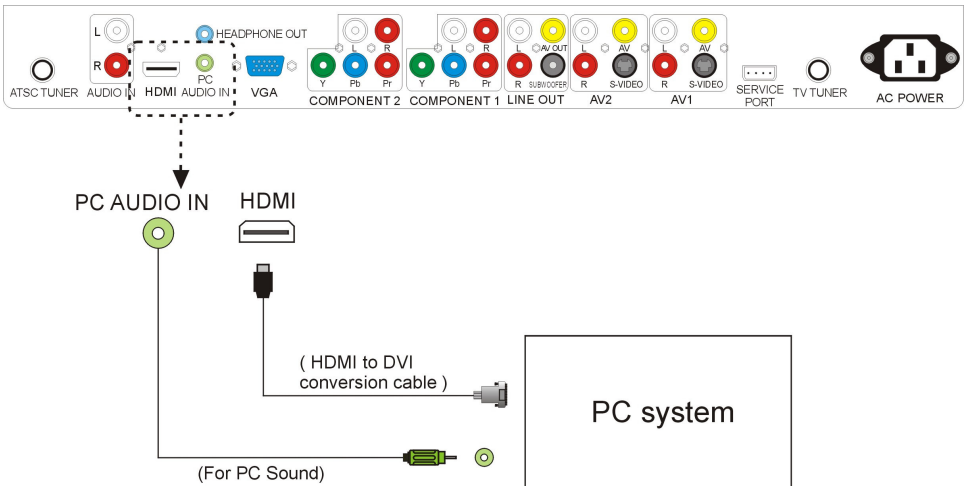
Connecting HDMI Port

HDMI is for connecting HD Satellite, HD Digital Cable Set-top Boxes or other device with HDMI port. The HDMI port also doubles as HDCP/DVI port. If your HD set-top box does not have HDMI but DVI instead, please use the HDMI to DVI conversion cable that is included in the box. When using HDMI to DVI conversion cable, please also plug audio wires into AUDIO IN port for sound.

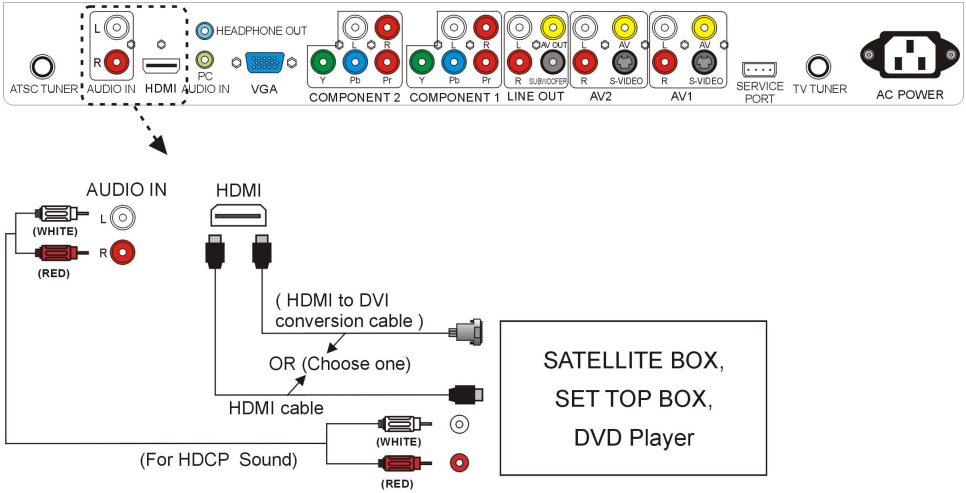
A.HDMI



B.DVI



C.HDCP

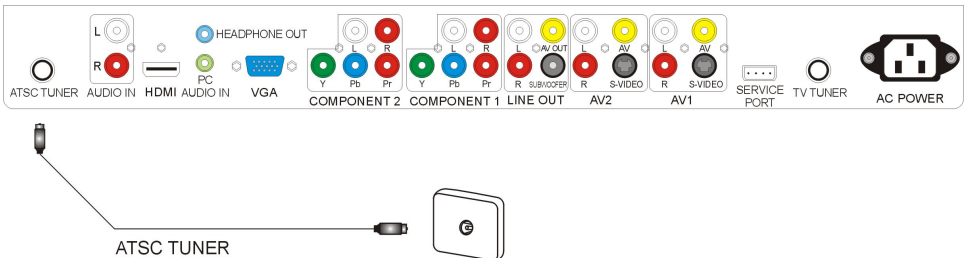


NOTE:

1. The HDMI input on your LCD TV supports High-bandwidth Digital Content Protection (HDCP). HDCP encrypts the transmission between the video source and the digital display for added security and protection.
2. Refer to your HDTV Set-top Box or other device with HDMI port user manual for more information about the video output requirements of the product or consult your satellite or cable operator.

Connecting ATSC Tuner


The ATSC Tuner is for connecting digital cable or high definition antennas. The tuner will tune to unscrambled digital cable channels or over the air wave high definition local channels. This connection port uses a coaxial cable.



For Analog Cable and Antenna TV Tuner Users

Note: The following instruction set is for TV tuner antenna, analog cable users only.

When using the TV for the first time, you must perform the channel scan to get all correct channels by doing the following: Press the SOURCE AV button on the remote controller to select the TV input signal labeled either Cable ### or Air ###. # represents numbers.

1. Press the MENU button to activate the On Screen Display (OSD) menu.
2. Press the LEFT/RIGHT button to select the TV SETUP function group.
3. Press the UP/DOWN button to select correct Cable/Air signal source.
4. Press the UP/DOWN button to select CH-SCAN function and then press  (button in the center of LEFT/RIGHT & UP/DOWN) to perform channel scanning to obtain all available channels.

For Set-top Box Users (including Digital Cable, Satellite, other video displaying devices)

Note: The following instruction set is for set-top box users (including digital cable, satellite box, and other video devices)

1. Make sure your video cables are connected correctly to the back of the television with the color matching all ports.
2. Press the SOURCE AV or SOURCE PC button on the remote controller to select the TV input signal which you've connected the set-top box to.
 - For the coaxial cable you would use the source labeled TV.
 - For the HDMI to HDMI cable you would use the source labeled HDMI.
 - For the HDMI to DVI cable you would use the source labeled HDCP.
 - For the component cables you would use the sources labeled YPbPr1 or YPbPr2.
 - For the RCA cables you would use the source labeled AV1 or AV2.
3. Please consult your set-top box's manual with regards on how to turn on the device and browse channels.

For HDTV Antenna ATSC Tuner Users

For Antenna

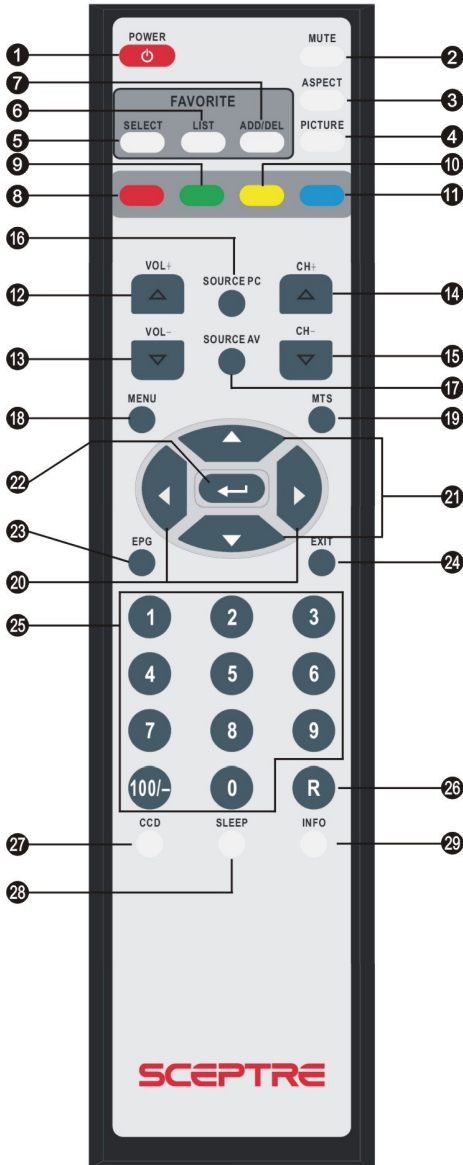
1. Screw the antenna into the back of the coaxial tuner labeled ATSC tuner.
2. Make sure your source is DTV. If not, use the SOURCE PC button on your remote to switch to source DTV.
3. Press the MENU button on your remote to open the OSD (on screen display), then use the LEFT/RIGHT buttons to navigate to the icon that represents a small satellite dish and a lightening bolt called DTV. Press the ENTER button to enter submenu DTV.
4. With the first icon labeled General, use the DOWN button to move down to Broadcast Service and press ENTER.
5. Inside there should be 4 options: Source Detect, Tuner, Frequency Plan, and 8VSB. Highlight the Source Detect option and use LEFT/RIGHT to change the option to Manual.
6. Use the DOWN button to highlight Tuner option and use LEFT/RIGHT to change the option to Antenna.
7. Use UP to go back to the option Source Detect and change it back to Auto using LEFT/RIGHT key. Press EXIT to go back to General Functions.
8. Press DOWN key to move down to highlight the function Auto Scan. Press ENTER to scan for channels.
9. When the TV has finished scanning, continuously press the button EXIT until you've exited out of the OSD menu.

For Cable

1. Screw the digital cable into the back of the coaxial tuner labeled ATSC tuner.
2. Make sure your source is DTV. If not, use the SOURCE PC button on your remote to switch to source DTV.
3. Press the MENU button on your remote to open the OSD (on screen display), then use the LEFT/RIGHT buttons to navigate to the icon that represents a small satellite dish and a lightening bolt called DTV. Press the ENTER button to enter submenu DTV.
4. With the first icon labeled General, use the DOWN button to move down to Broadcast Service and press ENTER.
5. Inside there should be 4 options: Source Detect, Tuner, Frequency Plan, and 8VSB. Highlight the Source Detect option and use LEFT/RIGHT to change the option to Manual.
6. Use the DOWN button to highlight Tuner option and use LEFT/RIGHT to change the option to Cable.
7. Use UP to go back to the option Source Detect and change it back to Auto using LEFT/RIGHT key. Press EXIT to go back to General Functions.
8. Press DOWN key to move down to highlight the function Auto Scan. Press ENTER to scan for channels.
9. When the TV has finished scanning, continuously press the button EXIT until you've exited out of the OSD menu.

Using the X37

Remote Control



Universal Remote Code and Support

Sceptre's X37 LCD supports **SONY's universal remote code**. Please look up **SONY's codes** in your handbook of remote codes to setup your universal remote. **Note** : Due to the variety of universal remotes manufactured, not all universal remotes will fully function with the code. If you have trouble getting the channel or volume buttons to work, please try the directional buttons on your universal remote rather than your regularly used volume buttons.



1 **POWER**

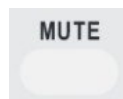
This button turns the LCD Display unit on or off.

Note : This is a passive power button and doesn't physically cut power off to the TV but puts the TV into standby mode. When turning LCD on/off, wait 5-10 seconds before pressing the power button again.



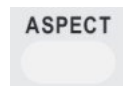
2 **MUTE**

This button turns the audio volume off. Press the MUTE button again to unmute.



3 **ASPECT**

This button selects the available screen aspect ratio – Auto, 16:9 ,4: 3, Zoom Full, Zoom Subtitle.



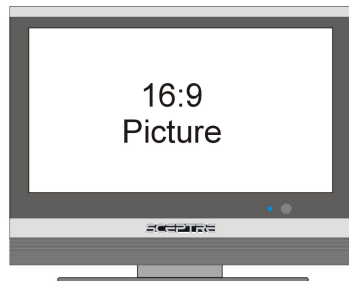
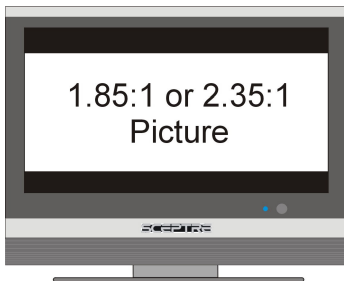
Aspect Explained

1. Auto

This aspect ratio automatically adjust to the picture's original format. If the signal is 16:9 the full screen will be used. If 4:3, black bars will be added on the side.

2. 16:9

When watching a standard broadcast or full-frame movie in this mode, the display image is stretched horizontally to fill the TV screen. When watching a widescreen (16:9 source) program or movie, the display image fills the TV screen. If you are watching a widescreen (1.85:1 or 2.35:1 source) program or movie, there will still be black bars at the top and bottom. **Note :** When in HD mode aspect ratios will not work because it is controlled by the signal.



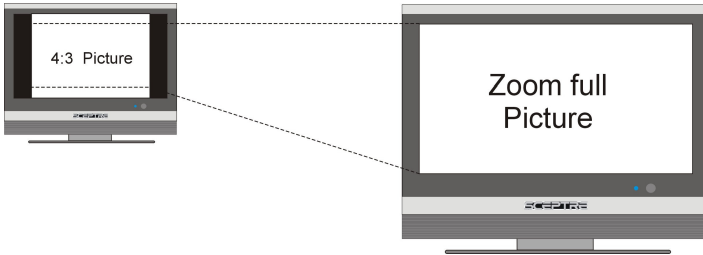
3. 4:3

The original 4:3 aspect ratio (1.33:1 source) is preserved, so black bars are added to the left and right of the display image. Standard TV broadcasts are displayed with a 4:3 Aspect Ratio. Movies in 4:3 Aspect Ratio may be referred to as pan-and-scan or full frame. These movies were originally filmed in 16:9 (widescreen), and then modified to fit a traditional TV screen (4:3). **Note :** When in HD mode aspect ratios will not work because it is controlled by the signal.



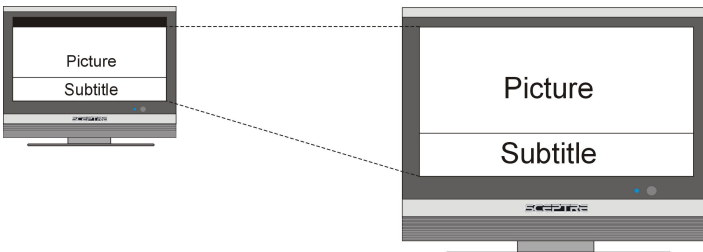
4. **Zoom Full**

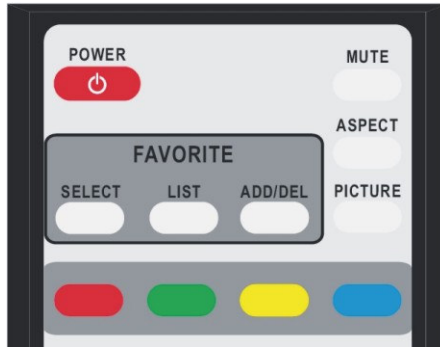
When watching a 4:3 aspect ratio TV or movie, this mode zooms in to cut off most of the black bars on the side while preserving the 16:9 ratio. Because of the zoom, the top and bottom are cut off as well. **Note :** When in HD mode aspect ratios will not work because it is controlled by the signal.



5. **Zoom Subtitle**

This mode is primarily used when you're watching a movie where the widescreen aspect ratio is not 16:9 but rather 1.85:1 or 2.35:1. Since black bars at the top and bottom, this zoom mode cuts off the top black bar but preserves the bottom for subtitle purposes. **Note :** When in HD mode aspect ratios will not work because it is controlled by the signal.



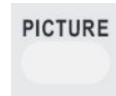


4



PICTURE

This button selects different preset picture modes – User mode, Standard, Nature, Game, and Cinema.



5



SELECT

This button chooses the pre-selected favorite channels. A total of nine channels can be stored as the Favorite channels list in TV source and an unlimited storage of channels in DTV source.




Note: Before the Favorite can be used, one must pre-select the channels and store into the Favorite channel list.

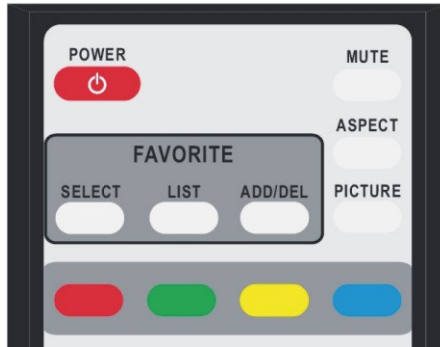
For TV


Go to the channel you preferred to watch, press MENU button to enter the OSD (On Screen Display), navigate to TV Setup and select Favorite CH, enter 1 ~ 9 to store the channel at the desired position of the list. Enter 1 ~ 9 again to erase the channel from the favorite channel list. When you are done, press the MENU button to save and exit.

For DTV

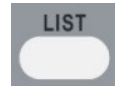
Make sure you have your channels scanned in (Please refer to channel scanning for more information on page 61) and use CH +/- to select the channel you prefer and press ADD/DEL button to store the channel at the desired position of the list.

Note : A  icon will appear in the DTV info banner when you add the favorite channel. If the icon is not present, the channel is not stored in the favorite list.



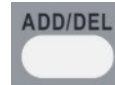
6  **LIST**

This button displays the favorite channel list in DTV.



7  **ADD/DEL**

This button adds or deletes a favorite channel in DTV.



8  **RED**

In EPG, this button selects the first program of previous day.



9  **GREEN**

In EPG, this button selects the first program of next day.



10  **YELLOW**

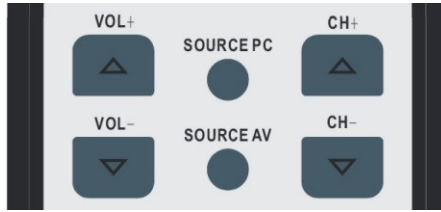
In EPG, this button views the detailed program description of the previous page.



11  **BLUE**

In EPG, this button views the detailed program description of the next page.





12 13   **VOL +/-**

These two buttons adjust the speaker volume level.



14 15   **CH +/-**

These two buttons scroll through the channels.



16  **SOURCE PC**

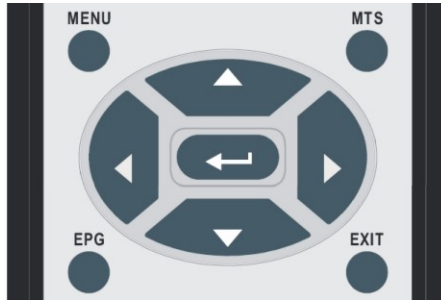
This button selects different PC/DTV input sources – DTV, (HDMI, HDCP, DVI), VGA-PC.



17  **SOURCE AV**

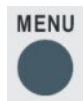
This button selects different video input signal sources – TV Tuner, AV1, AV2, and YPbPr1 (Component1), YpPr2(Component2).





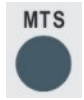
18  **MENU**

Press the MENU button to activate the OSD (On Screen Display) main menu. Press again to quit the main menu.



19  **MTS**

This button selects STEREO, MONO, or SAP.



20  **LEFT/RIGHT**

If the OSD Menu is shown on the screen, press these buttons to scroll through the menu items horizontally.



21  **UP/DOWN**

If the OSD Menu is shown on the screen, press these buttons to scroll through the menu items vertically.

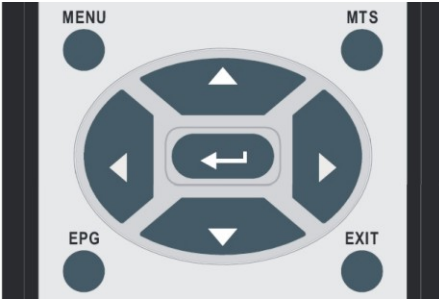


22  **Enter**


When the OSD menu is shown, press this button to enter (confirm) the sub-menu.

When DTV program is selected, press this button to display the prescanned channel list. Press EXIT button to close the list.

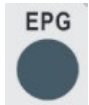




23  **EPG**

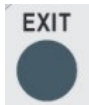
When DTV program (channel) is selected, press this button () to display or EXIT the Electronic Program Guide (EPG).

Please refer to EPG Explained for more information on page 74.



24  **EXIT**

Press this button to exit from the sub-menu to the previous menu.

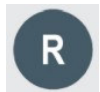


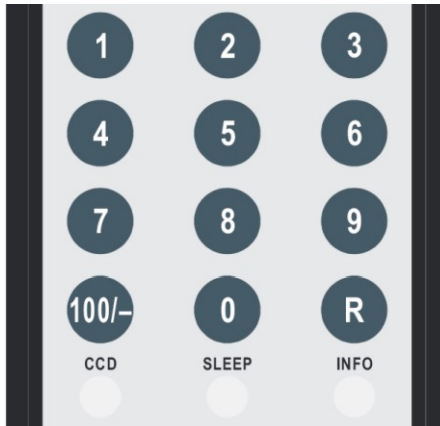
25 **0 – 9, 100/- channel number**

These buttons selects channels from 1 to 99. If the channel number is 100 or greater, first press the button 100/- then the number buttons 0-9.

26  **R / Return**

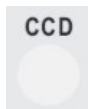
Press this button to return to previous channel.





27  **CCD**

Press the CCD button to display closed caption information.



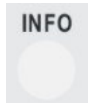
28  **SLEEP**

Press the button repeatedly to cycle through the available sleep timer options – Off/30/60/90/120 minutes.



29  **INFO**





Displays the related information on current channels or PC modes.



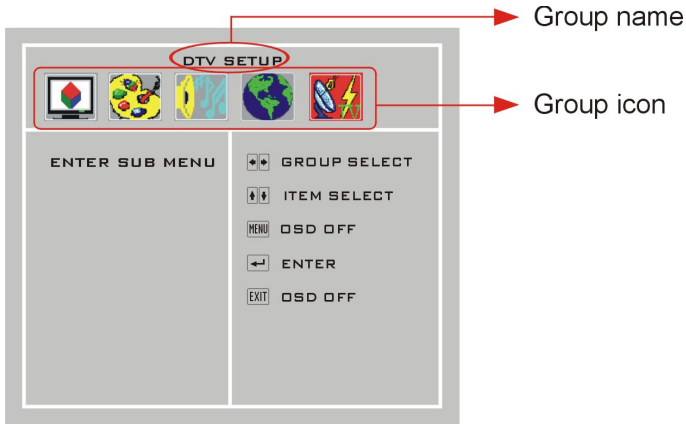
OSD (On Screen Display Menu)

The OSD Menu varies based on different input signal sources. The OSD menus provide different control functions, which allow users to optimize the picture/audio performances for each of the input signals.






How to operate the OSD Menu:

1. Press the MENU button on the remote controller to display the OSD menu. Press the MENU button again to quit the OSD menu.
2. Press LEFT/RIGHT () to select the GROUP items which are listed horizontally on the OSD menu.
3. Press UP/DOWN () to scroll through the function items vertically.
4. Press  to enter the sub-menu. Press LEFT/RIGHT to adjust the setting.
5. Press  to go back to the previous menu.

OSD screen instruction:



Group icon descriptions:

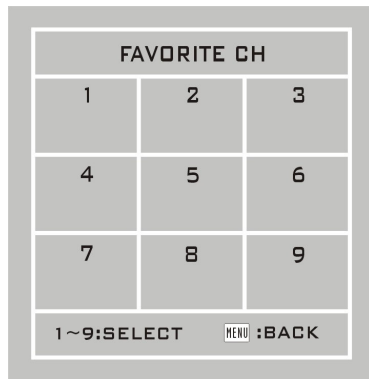
1.  GEOMETRY / VIDEO (user mode only)
2.  PICTURE / ADVANCED (user mode only)
3.  AUDIO (user mode & none-user mode)
4.  SYSTEM (user mode & none-user mode)
5.  TV SETUP / DTV SETUP (user mode & none-user mode)

Note:

- I. The follow chapter will introduce the operations for different input signal.
(Press the button PICTURE on the remote controller to switch to USER MODE)
- II. None-user modes include STANDARD, NATURE, GAME and CINEMA.

TV input

When TV (NTSC) input is selected, the following OSD menu will be displayed when the MENU button is pressed.



1. VIDEO (User mode)

- ◆ CONTRAST
Adjusts the contrast between bright / dark graphics and text.
- ◆ BRIGHTNESS
Adjusts the brightness of the screen.
- ◆ SHARPNESS
Makes the picture sharper.
- ◆ COLOR
Adjusts Picture Chrominance Gain/Ratio.
- ◆ TINT
Adjusts Picture Chrominance angle(or skin color).
- ◆ RECALL
Resets the parameters to original factory settings.

2. ADVANCED (User mode)

- ◆ VIVID COLOR
Makes color brighter without over-saturation.
- ◆ SKIN TONE
Makes the skin color brighter without affecting other colors.

- ◆ GREEN
Strengthens Green (grass color) color without affecting other colors.
- ◆ BLUE
Strengthens Blue (sky color) color without affecting other colors.
- ◆ NOISE
Adjusts abatement of signal noise.
- ◆ GAMMA
Adjusts screen visual transformation.
- ◆ RECALL
Resets the parameters to original factory settings.

3. AUDIO

- ◆ BASS
Adjusts the bass level of your TV speakers.
- ◆ TREBLE
Adjusts the treble level of your TV speakers.
- ◆ BALANCE
Adjusts the balance (left to right) of your TV speakers.
- ◆ LOUDNESS
Enhances bass and treble strength.
Loudness Caution : Because the loudness option enhances bass sound effects, the possibility of X37's speaker popping increases greatly because of different sound signals received. Our standard signal to the X37's speaker is 500mVrms but with different channels browsed or different sound cards, the output might send out 1Vrms, therefore increasing the possibility of popping the X37's speaker. Please make sure to adjust the volume to below 40 when the popping occurs.
- ◆ AVC
Suppresses a pop sound resulted from changing TV program.
- ◆ SURROUND
Selects sound field from Off, Narrow, or Wide.
- ◆ RECALL
Resets the parameters to original factory settings.

4. SYSTEM

- ◆ LANGUAGE

Chooses the language between English and French for the OSD menu.

- ◆ LAMP


Adjusts how bright you want the LCD to display its images.

- ◆ DCI

The dynamic contrast improvement option is similar to AVC but deals with video. It changes the contrast automatically for the TV when a commercial or TV program is too bright or dark so that it will not strain your eyes.

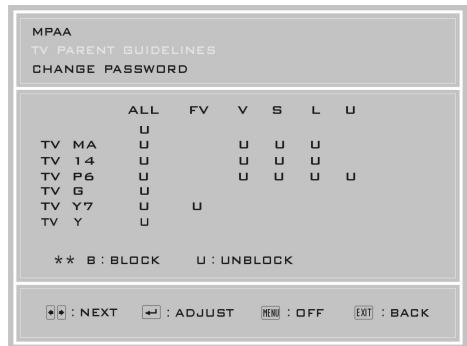
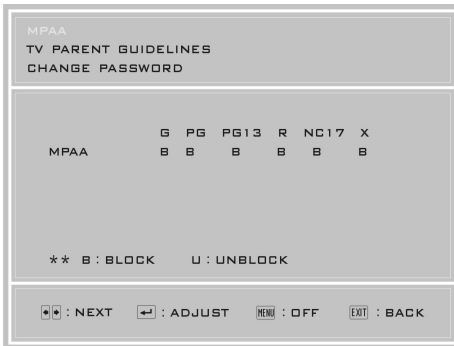
- ◆ RATING

Program lock according to MPAA or TV Guide Line.

Note: To block or unblock the TV program, enter the RATING sub-menu, and then press “0000” to access the menu. Press 

(enter) to toggle between “B”(blocked, not allowed to watch this program) and “U”(unblocked, allowed to watch this program). MPAA filters movies, while USTV filters TV sitcoms, and TV series.

Please refer to Ratings Explained for more info on page 75



5. TV SETUP

- ◆ CABLE/AIR

Selects cable signal or terrestrial signal(via antenna).

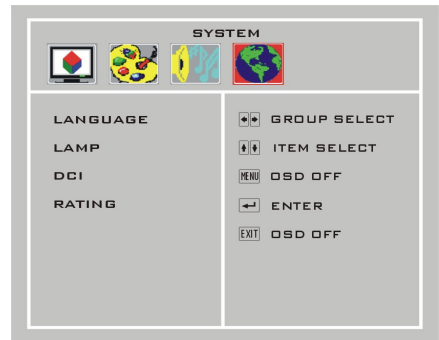
- ◆ CH-SCAN

Scans all available channels to establish a channel list.

- ◆ CH-ADD
Adds the current viewing channel to the channel list.
- ◆ CH-DEL
Deletes the current viewing channel from the channel list.
- ◆ FAVORITE CH
Selects channels to store in the favorite channel list.
Note : To use the Favorite CH function, turn to the desired channel first, and then enter the Favorite CH sub-menu. Enter 1 ~ 9 to store the channel at the desired position of the list. Enter 1 ~ 9 again to erase the channel from the favorite channel list. When you are done, press the MENU button to save and exit.

AV1 & AV2 inputs

When AV1 or AV2 input is selected, the following OSD menu will be displayed when the MENU button is pressed.



1. VIDEO (User mode)

- ◆ CONTRAST
Adjusts the contrast between bright / dark graphics and text.
- ◆ BRIGHTNESS
Adjusts brightness of the screen.
- ◆ SHARPNESS
Makes the picture sharper.
- ◆ COLOR
Adjusts Picture Chrominance Gain/Ratio.

- ◆ TINT
Adjusts Picture Chrominance angle(or skin color).
- ◆ RECALL
Resets the parameters to original factory settings.

2. ADVANCED (User mode)

- ◆ VIVID COLOR
Makes color brighter without over-saturation.
- ◆ SKIN TONE
Makes the skin color brighter without affecting other colors.
- ◆ GREEN
Strengthens Green (grass color) color without affecting other colors.
- ◆ BLUE
Strengthens Blue (sky color) color without affecting other colors.
- ◆ NOISE
Adjusts abatement of signal noise.
- ◆ GAMMA
Adjusts screen visual transformation.
- ◆ RECALL
Resets the parameters to original factory settings.

3. AUDIO


- ◆ BASS
Adjusts the bass level of your TV speakers.
- ◆ TREBLE
Adjusts the treble level of your TV speakers.
- ◆ BALANCE
Adjusts the balance (left to right) of your TV speakers.
- ◆ LOUDNESS
Enhances the bass and treble strength.

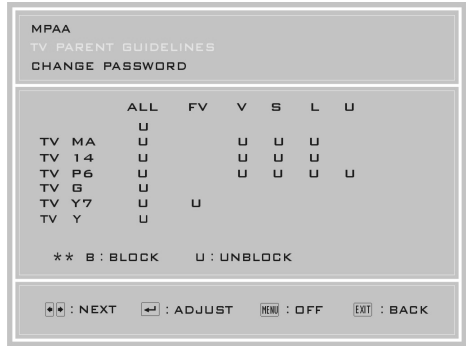
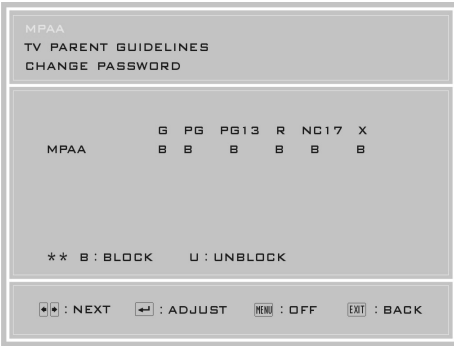
Loudness Caution : Because the loudness option enhances bass sound effects, the possibility of X37's speaker popping increases greatly because of different sound signals received. Our standard signal to the

X37's speaker is 500mVrms but with different channels browsed or different sound cards, the output might send out 1Vrms, therefore increasing the possibility of popping the X37's speaker. Please make sure to adjust the volume to below 40 when the popping occurs.

- ◆ **AVC**
Suppresses a pop sound resulted from changing TV program.
- ◆ **SURROUND**
Selects sound field from Off, Narrow, or Wide.
- ◆ **RECALL**
Resets the parameters to original factory settings.

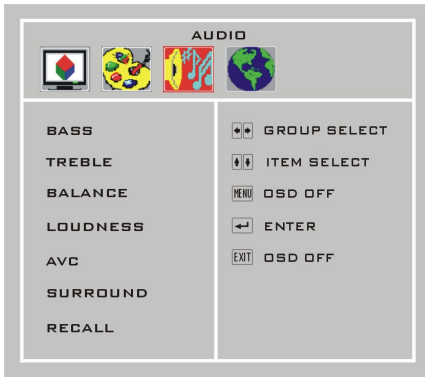
4. SYSTEM

- ◆ **LANGUAGE**
Chooses the language between English and French for the OSD menu.
- ◆ **LAMP**
Adjusts how bright you want the LCD to display its images.
- ◆ **DCI**
The dynamic contrast improvement option is similar to AVC but deals with video. It changes the contrast automatically for the TV when a commercial or TV program is too bright or dark so that it will not strain you eyes.
- ◆ **RATING**
Program lock according to MPAA or TV Guide Line.
Note: To block or unblock the TV program, enter the RATING sub-menu, and then press "0000" to access the menu. Press  (enter) to toggle between "B"(blocked, not allowed to watch this program) and "U"(unblocked, allowed to watch this program). MPAA filters movies, while USTV filters TV sitcoms, and TV series.
Please refer to Ratings Explained for more info on page 75



YPbPr1(Component1), YpbPr2(Component2), HDMI, HDCP inputs

When YPbPr1, YPbPr2, HDMI, HDCP is selected, the following OSD menu will be displayed when the MENU button is pressed.



1. VIDEO (User mode)

- ◆ CONTRAST
Adjusts the contrast between bright / dark graphics and text.
- ◆ BRIGHTNESS
Adjusts brightness of the screen.
- ◆ SHARPNESS
Makes the picture sharper.
- ◆ COLOR
Adjusts Picture Chrominance Gain/Ratio.
- ◆ TINT
Adjusts Picture Chrominance angle(or skin color).

- ◆ **RECALL**
Resets the parameters to original factory settings.

2. **ADVANCED (User mode)**

- ◆ **VIVID COLOR**
Makes color brighter without over-saturation.
- ◆ **SKIN TONE**
Makes the skin color brighter without affecting other colors.
- ◆ **GREEN**
Strengthens Green (grass color) color without affecting other colors.
- ◆ **BLUE**
Strengthens Blue (sky color) color without affecting other colors.
- ◆ **NOISE**
Not available under these inputs.
- ◆ **GAMMA**
Adjusts screen visual transformation.
- ◆ **RECALL**
Resets the parameters to original factory settings.

3. **AUDIO**

- ◆ **BASS**
Adjusts the bass level of your TV speakers.
- ◆ **TREBLE**
Adjusts the treble level of your TV speakers.
- ◆ **BALANCE**
Adjusts the balance (left to right) of your TV speakers.
- ◆ **LOUDNESS**
Enhances the bass and treble strength.

Loudness Caution : Because the loudness option enhances bass sound effects, the possibility of X37's speaker popping increases greatly because of different sound signals received. Our standard signal to the X37's speaker is 500mVrms but with different channels browsed or different sound cards, the output might send out 1Vrms, therefore

increasing the possibility of popping the X37's speaker. Please make sure to adjust the volume to below 40 when the popping occurs.

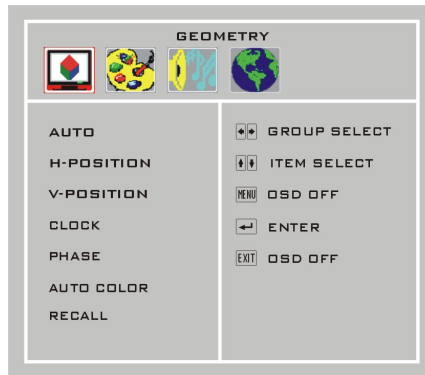
- ◆ AVC
Suppresses a pop sound resulted from changing TV program.
- ◆ SURROUND
Selects sound field from Off, Narrow, or Wide.
- ◆ RECALL
Resets the parameters to original factory settings.

4. SYSTEM

- ◆ LANGUAGE
Chooses the language between English and French for the OSD menu.
- ◆ LAMP
Adjusts how bright you want the LCD to display its images.

VGA-PC input

When VGA-PC is selected, the following OSD menu will be displayed when the MENU button is pressed.



1. GEOMETRY

- ◆ AUTO
Auto fine tunes picture clock and position.
- ◆ H-POSITION
Adjusts the display position left or right. Normally use Auto Adjust.

- ◆ V-POSITION
Adjusts the display position up or down. Normally use Auto Adjust.
- ◆ CLOCK
Adjusts the clock frequency to match video card. Normally use Auto Adjust.
- ◆ PHASE
Adjusts the phase frequency to match video card. Normally use Auto Adjust.
- ◆ AUTO COLOR
Auto adjusts for white balance of display
Please choose a white background before activating the function.
- ◆ RECALL
Resets the parameters to original factory settings.

2. PICTURE

- ◆ CONTRAST
Adjusts the contrast between bright / dark graphics and text.
- ◆ BRIGHTNESS
Adjusts brightness of the screen.
- ◆ COLOR TEMP.
Selects color temperature among High, Middle, Low, or User modes.
- ◆ R GAIN
Adjusts how much red color is in the display.
- ◆ G GAIN
Adjusts how much green color is in the display.
- ◆ B GAIN
Adjusts how much blue color is in the display.
- ◆ RECALL
Resets the parameters to original factory settings.

3. AUDIO

- ◆ BASS
Adjusts the bass level of your TV speakers.

- ◆ **TREBLE**
Adjusts the treble level of your TV speakers.
- ◆ **BALANCE**
Adjusts the balance (left to right) of your TV speakers.
- ◆ **LOUDNESS**
Enhances the bass and treble strength.
Loudness Caution : Because the loudness option enhances bass sound effects, the possibility of X37's speaker popping increases greatly because of different sound signals received. Our standard signal to the X37's speaker is 500mVrms but with different channels browsed or different sound cards, the output might send out 1Vrms, therefore increasing the possibility of popping the X37's speaker. Please make sure to adjust the volume to below 40 when the popping occurs.
- ◆ **AVC**
Suppresses a pop sound resulted from changing TV program.
- ◆ **SURROUND**
Selects sound field from Off, Narrow, or Wide.
- ◆ **RECALL**
Resets the parameters to original factory settings.

4. SYSTEM

- ◆ **LANGUAGE**
Chooses the language between English and French for the OSD menu
- ◆ **LAMP**
Adjusts how bright you want the LCD to display its images.
- ◆ **FORMAT**
Makes the signal output conform to the window size and resolution of the display. Resolution – 1024*768, 1280*768, 1360*768
How to setup: 1.Select the resolution under FORMAT. 2.Use the AUTO feature under GEOMETRY to fine tune the picture.

DVI input

When DVI input is selected, the following OSD menu will be displayed when the MENU button is pressed.



1.  **GEOMETRY**

Not available under DVI input.

2.  **PICTURE**

- ◆ **CONTRAST**
Adjusts the contrast between bright / dark graphics and text.
- ◆ **BRIGHTNESS**
Adjusts brightness of the screen.
- ◆ **COLOR TEMP.**
Selects color temperature among High, Middle, Low, or User modes.
- ◆ **R GAIN**
Adjusts how much red color is in the display.
- ◆ **G GAIN**
Adjusts how much green color is in the display.
- ◆ **B GAIN**
Adjusts how much blue color is in the display.
- ◆ **RECALL**
Resets the parameters to original factory settings.

3. AUDIO

- ◆ BASS

Adjusts the bass level of your TV speakers.

- ◆ TREBLE

Adjusts the treble level of your TV speakers.

- ◆ BALANCE

Adjusts the balance (left to right) of your TV speakers.

- ◆ LOUDNESS

Enhances the bass and treble strength.

Loudness Caution : Because the loudness option enhances bass sound effects, the possibility of X37's speaker popping increases greatly because of different sound signals received. Our standard signal to the X37's speaker is 500mVrms but with different channels browsed or different sound cards, the output might send out 1Vrms, therefore increasing the possibility of popping the X37's speaker. Please make sure to adjust the volume to below 40 when the popping occurs.

- ◆ AVC

Suppresses a pop sound resulted from changing TV program.

- ◆ SURROUND

Selects sound field from Off, Narrow, or Wide.

- ◆ RECALL

Resets the parameters to original factory settings.

4. SYSTEM

- ◆ LANGUAGE

Chooses the language between English and French for the OSD menu.

- ◆ LAMP

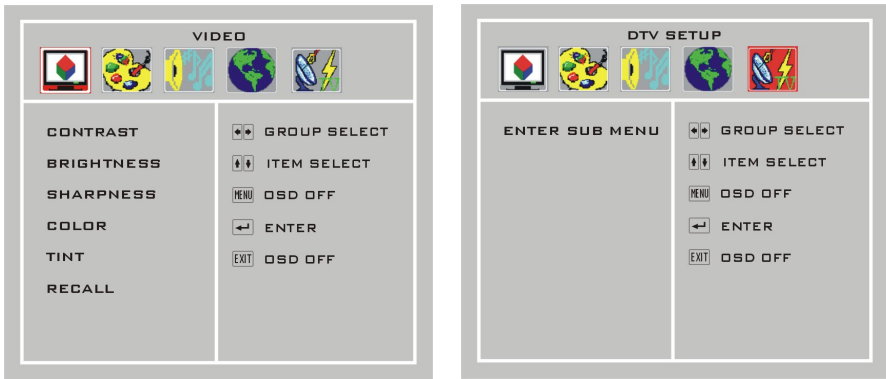
Adjusts how bright you want the LCD to display its images.


- ◆ FORMAT


Not available under DVI input.

DTV input

When DTV input is selected, the following OSD menu will be displayed when the MENU button is pressed.



1.  VIDEO (User mode)
 - ◆ CONTRAST
Adjusts the contrast between bright / dark graphics and text.
 - ◆ BRIGHTNESS
Adjusts brightness of the screen.
 - ◆ SHARPNESS
Makes the picture sharper.
 - ◆ COLOR
Adjusts Picture Chrominance Gain/Ratio.
 - ◆ TINT
Adjusts Picture Chrominance angle(or skin color).
 - ◆ RECALL
Resets the parameters to original factory settings.

2.  ADVANCED (User mode)
 - ◆ VIVID COLOR
Makes color brighter without over-saturation.
 - ◆ SKIN TONE
Makes the skin color brighter without affecting other colors.

- ◆ GREEN
Strengthens Green (grass color) color without affecting other colors.
- ◆ BLUE
Strengthens Blue (sky color) color without affecting other colors.
- ◆ NOISE
Not available under DTV inputs.
- ◆ GAMMA
Adjusts screen visual transformation.
- ◆ RECALL
Resets the parameters to original factory settings.

3. AUDIO

- ◆ BASS
Adjusts the bass level of your TV speakers.
- ◆ TREBLE
Adjusts the treble level of your TV speakers.
- ◆ BALANCE
Adjusts the balance (left to right) of your TV speakers.
- ◆ LOUDNESS
Enhances the bass and treble strength.
Loudness Caution : Because the loudness option enhances bass sound effects, the possibility of X37's speaker popping increases greatly because of different sound signals received. Our standard signal to the X37's speaker is 500mVrms but with different channels browsed or different sound cards, the output might send out 1Vrms, therefore increasing the possibility of popping the X37's speaker. Please make sure to adjust the volume to below 40 when the popping occurs.
- ◆ AVC
Suppresses a pop sound resulted from changing TV program.
- ◆ SURROUND
Selects sound field from Off, Narrow, or Wide.
- ◆ RECALL
Resets the parameters to original factory settings.

4. SYSTEM

- ◆ LANGUAGE

Chooses the language between English and French for the OSD menu.

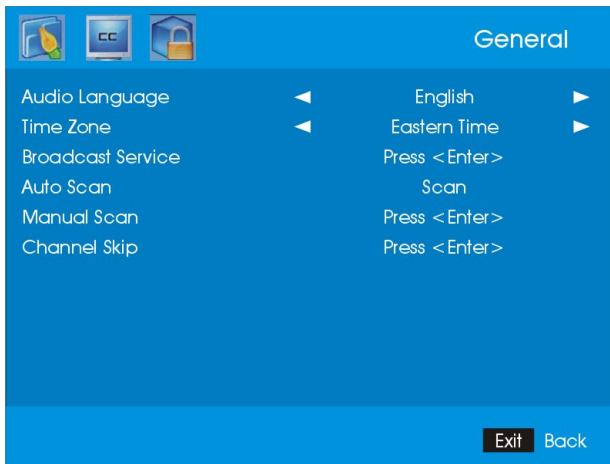
- ◆ LAMP

Adjusts how bright you want the LCD to display its images.

5. DTV SETUP

The DTV source is responsible for displaying over the airwave HD channels using an antenna and unscrambled digital cable channels using your cable company's cable.

This source can provide resolutions 480i, 480p, 720p, and 1080i depending on the broadcast signal of the TV station or cable station. Press MENU to open the OSD and highlight the option DTV SETUP with LEFT/RIGHT buttons and use ENTER button to enter the sub-menu.





GENERAL

◆ AUDIO LANGUAGE

This function allows you to change the audio language if your broadcasting station supports this function. To change the languages, press MENU to open the OSD and highlight the option DTV SETUP with LEFT/RIGHT buttons and use ENTER to enter the sub-menu. Press the DOWN button to highlight the option and use LEFT/RIGHT to set the audio language to English, French or Spanish.

◆ TIME ZONE

This function allows you to change the time zone for which the TV displays TV schedule and time in the United States. To change the time zones, press MENU to open the OSD and highlight the option DTV SETUP with LEFT/RIGHT buttons and use ENTER to enter the sub-menu. Highlight the option with UP/DOWN buttons and use LEFT/RIGHT to set the time zone to Eastern, Indiana, Central, Mountain, Arizona, Pacific, Alaska or Hawaii.

◆ BROADCAST SERVICE

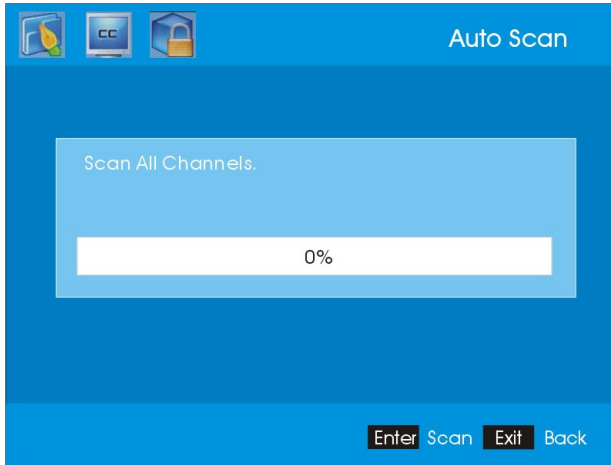
This function allows you to select detection options for the ATSC tuner to detect either antenna or unscrambled digital cable channels. It allows you to set the tuner source, frequency plan and 8VSB that is used to scan channels.

The Broadcast Service setting with the scan relationship table

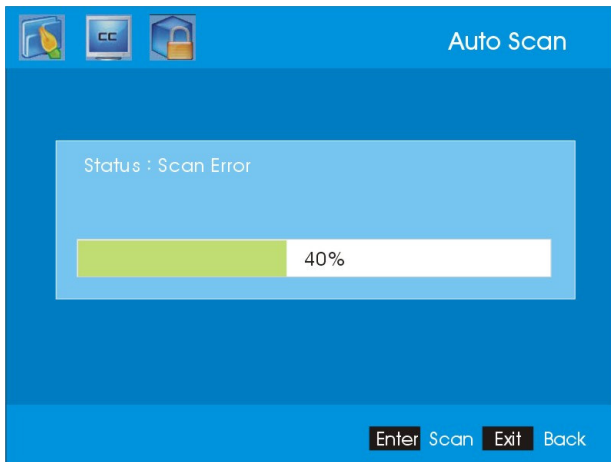
| Settings | | | | Result |
|---------------|-------|----------------|--------|---|
| Source Detect | Tuner | Frequency Plan | 8VSB | |
| Auto | | | | Scans air signal format first then cable signal format. |
| Manual | Air | | | Scans air signal format. |
| | Cable | Auto | Detect | Scans cable (STD, IRC, or HRC) signal with 8VSB |
| | | | Ignore | Scans cable (STD, IRC, or HRC) signal without 8VSB |
| | | STD | | Scans cable signal by STD frequency plan. |
| | | IRC | | Scans cable signal by IRC frequency plan. |
| | | HRC | | Scans cable signal by HRC frequency plan. |

◆ AUTO SCAN

This function automatically scans for all possible channels. To scan for channels, press MENU to open the OSD and highlight the option DTV SETUP with LEFT/RIGHT buttons and use ENTER to enter the sub-menu. Highlight Auto Scan with the UP/DOWN buttons. Press ENTER to start scanning. When done, press the EXIT button continuously to exit.



※Please scan again when an error occurs.



◆ **MANUAL SCAN**

This function allows you to manually scan the receivable channels. To scan the channels, press MENU to open the OSD and highlight the option DTV SETUP with LEFT/RIGHT buttons and use ENTER button to enter the sub-menu. Highlight Manual Scan with UP/DOWN button. There are two modes to do a manual scan in, add-on mode and range modes. Highlight the mode you want to scan with the LEFT/RIGHT buttons and press ENTER. When done, press the EXIT button continuously to exit.

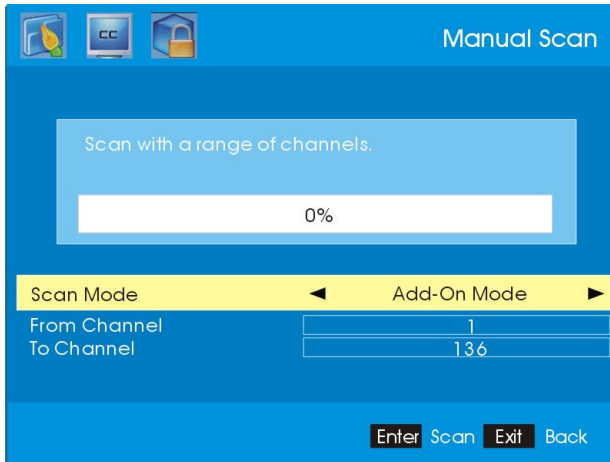
DETAILED INSTRUCTIONS

Using the Add-on Mode

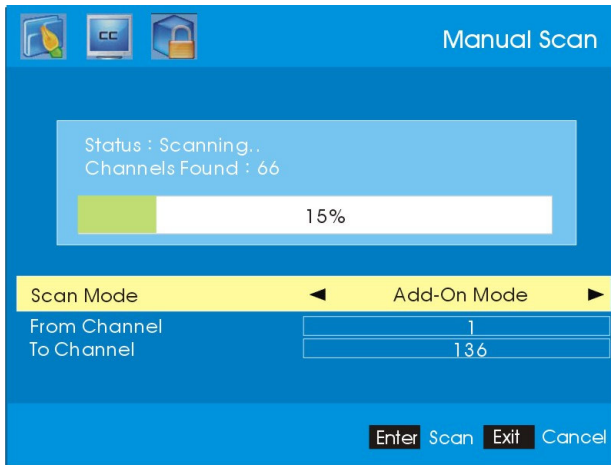
Scans the channel you input.

1. Press the Enter button on the General → Manual Scan item to display the Manual Scan sub page.

※ The default scanning mode is add-on mode.

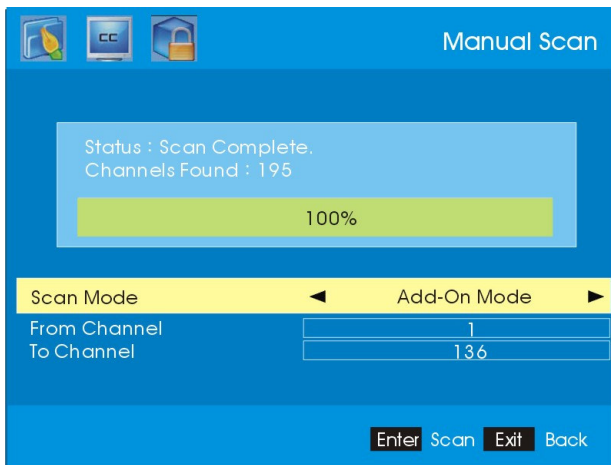


2. Press the Enter button to start scan.



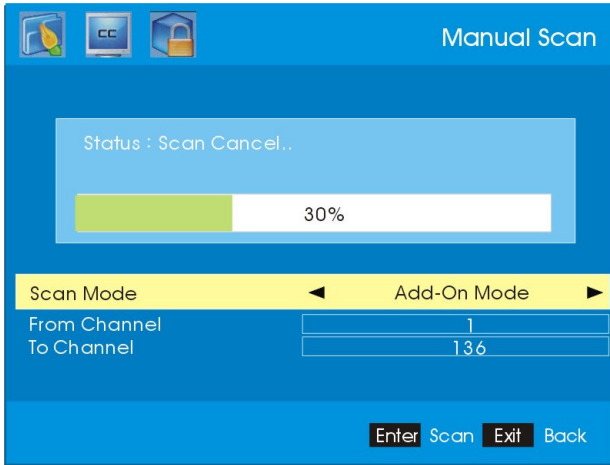
3. After the scanning is complete, it shows Scan Complete.

4. Press the EXIT button to exit.

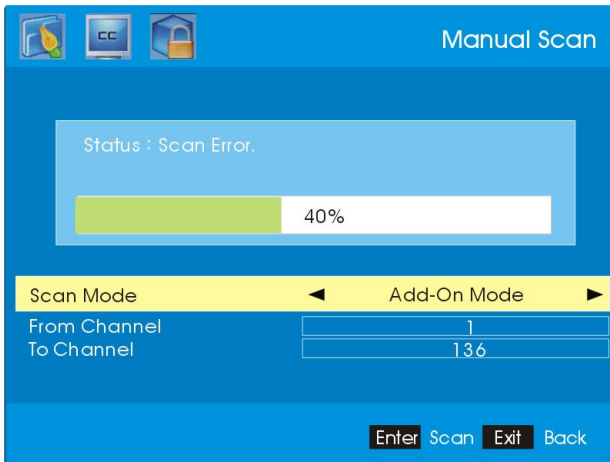


※To stop scanning, press the EXIT button.

※To re-scan after stop scanning, press the Enter button



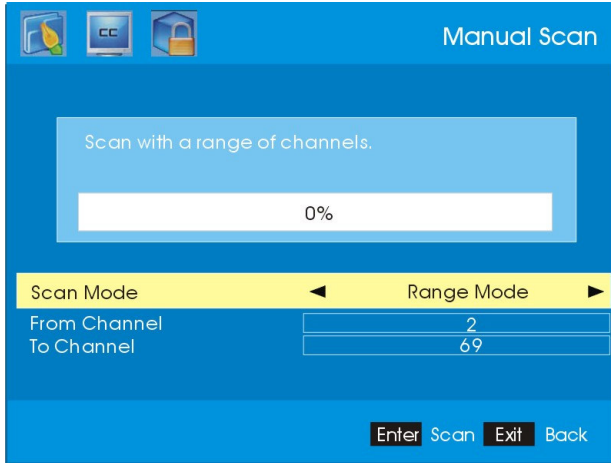
※Please scan again when an error occurs.



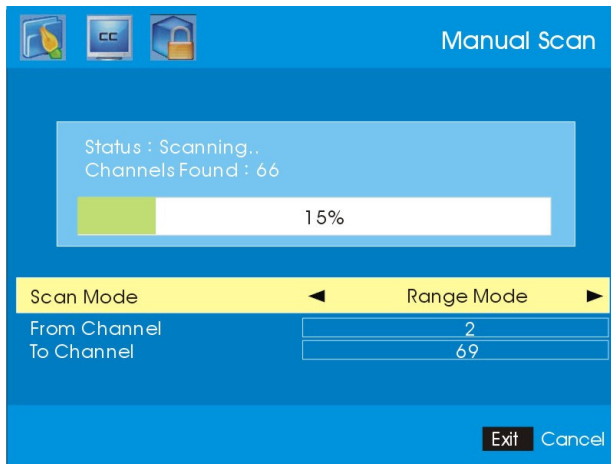
Using the Range Mode

This mode scans the channels in the range preset by user.

1. Please Enter button on the General → Manual Scan item to display the Manual Scan sub page.
2. Press the LEFT/RIGHT button to select the range mode.

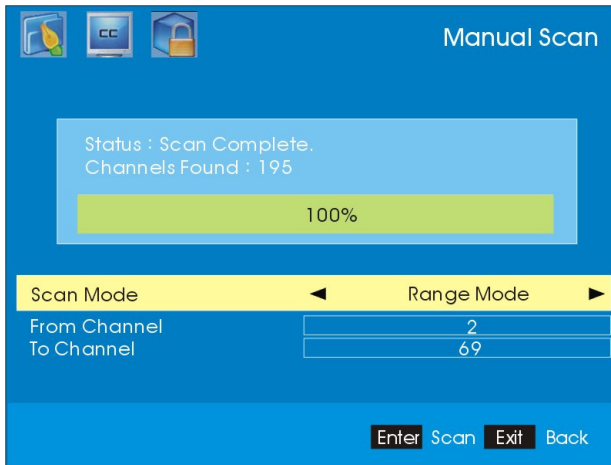


3. Press the UP/DOWN button to select the column.
4. Press the 0-9 buttons to set channel range in the From Channel and To Channel column.
5. Press the Enter button to start scan.



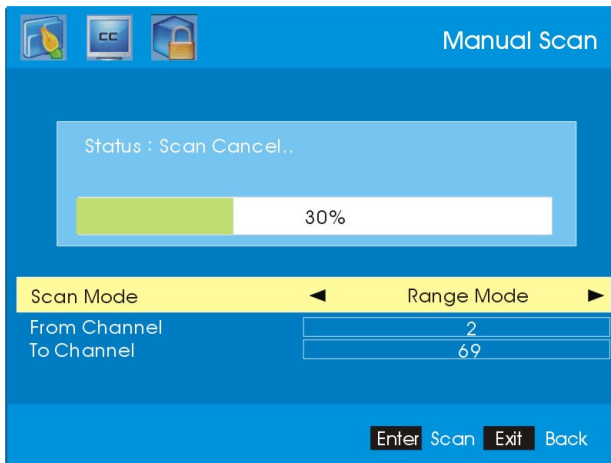
※After the scanning is complete, it shows Scan Complete.

6.Press the EXIT button to exit.

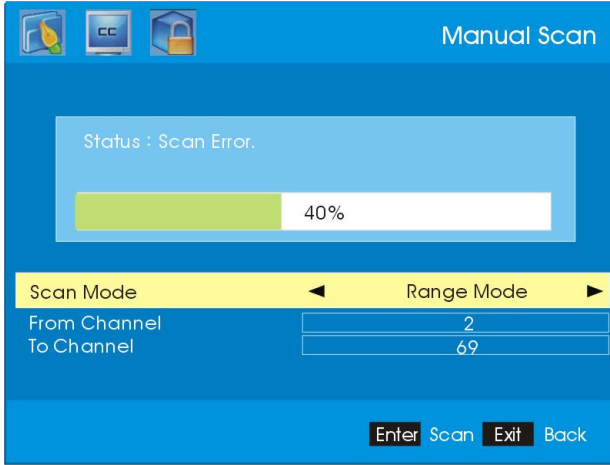


※To stop scanning, press the EXIT button.

※To re-scan after the scanning stops, press the Enter button.



※Please scan again when an error occurs.



◆ CHANNEL SKIP

This function allows you to skip channels. To skip the channels, press MENU to open the OSD and highlight the option DTV SETUP with LEFT/RIGHT buttons and use ENTER to enter the sub-menu.





Highlight Channel Skip and press ENTER. Highlight the channel you want to skip with the UP/DOWN buttons and press ENTER. When done, press the EXIT button continuously to exit.

DETAILED INSTRUCTIONS

1. Press the Enter button on the General → Channel Skip item to display the Channel Skip sub page.

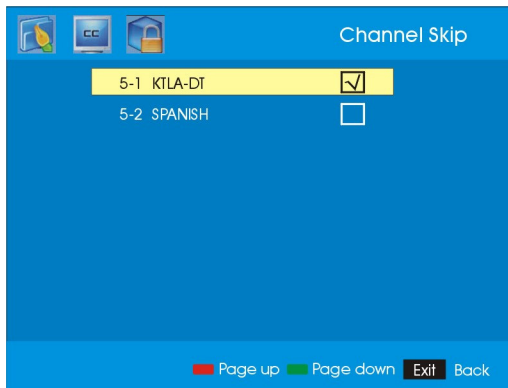
※ All channels are non-skipped in default.

2. Press the UP/DOWN button to select the channel that want to skip.

- ◆ When there is more than one channel page:
 - ◆ To go to the previous page, press the RED  button.
 - ◆ To go to the next page, press the GREEN  button.
- ◆ When there is one channel page:
 - ◆ To select the first slot, press the RED  button.
 - ◆ To select the last slot, press the GREEN  button.

3. Press the Enter button to skip a channel.

- ◆ Channel without a check icon is a non-skipped channel.
- ◆ Channel with a check icon is a skipped channel.

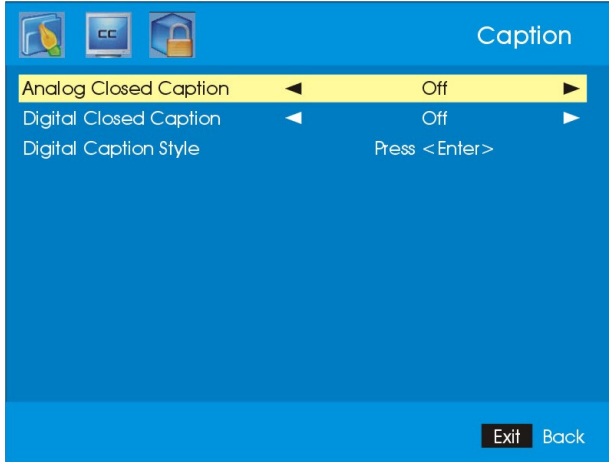


- ◆ To watch a skipped channel, please key-in the channel number directly.

4. Press the EXIT button to exit.



CAPTION



Press MENU to open the OSD and highlight the option DTV SETUP with LEFT/RIGHT buttons and use ENTER to enter the sub-menu. Press the DOWN button to highlight the option and press LEFT/RIGHT button to set the item value. Press the EXIT button to go back to the Caption menu.

◆ ANALOG CLOSED CAPTION

Sets the analog closed caption to OFF, CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3 or TEXT4.

◆ DIGITAL CLOSED CAPTION

Sets the digital closed caption to OFF, Service1, Service2, Service3, Service4, Service5 or Service6.

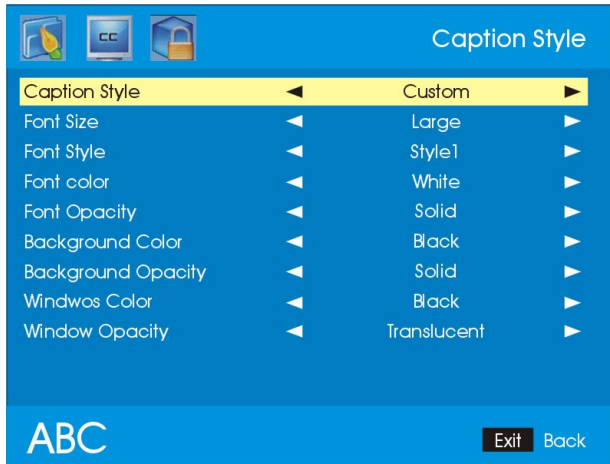
◆ DIGITAL CAPTION STYLE

Sets the values of digital caption style. There are caption style, font size, font style, font color, font opacity, background color, background opacity, window color and window opacity.

Note : There are two modes in the caption style:

1. As Broadcaster: Displays the digital closed caption which is defined by the TV station.

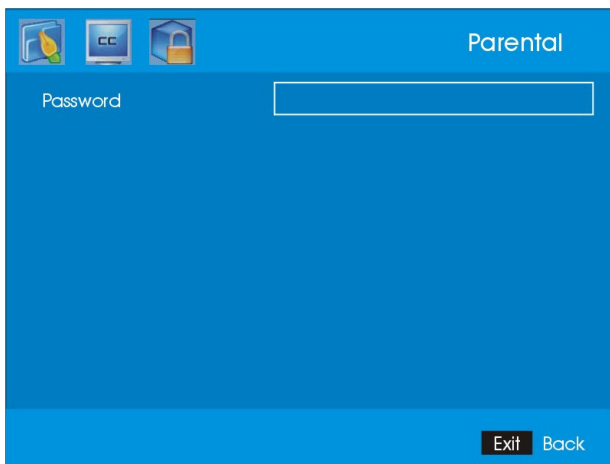
2. Custom: Displays the digital closed caption which is defined by the end user. Default digital caption style is As Broadcaster. When the caption style is As Broadcaster, the other custom values are hidden and the digital closed caption will be the broadcaster value.



Closed Captions and Digital Closed Captions Explained

- Your TV is equipped with an internal Closed Caption decoder. It allows you to view conversations, narration and sound effects as subtitles on your TV. Closed Captions are available on most TV program, and on some VHS home video tapes, at the election of the program provider.
- Digital Closed Caption service is a new caption service available on digital TV programs (also at the election of the service provider). It is a more flexible system than the original Closed Caption system, because it allows a variety of caption sizes and font styles.
- Not all programs and VHS video tapes offer closed caption. Please look for the CC symbol to ensure that captions will be shown.
- In the Closed Caption system, there can be more than one caption service provided. Each is identified by its own number. The CC1 and CC2 services display subtitles of TV programs superimposed over the program's picture.
- In the Closed Caption system, the TEXT1 or TEXT2 services display text that is unrelated to the program being viewed (e.g., weather or news). These services are also superimposed over the program currently being viewed.

-  PARENTAL



- ◆ PASSWORD

This function asks you for the password to block channels. To enter the password, press MENU to open the OSD and use LEFT/RIGHT buttons to select Parental function group, then use DOWN button to highlight the entry field. Press 0000 on the number pad of the remote control and you will see Password change into Channel Block.

- ◆ CHANNEL BLOCK





This function allows you to block channels with a password. Anyone who does not have the password will not be allowed to unblock the channels. To block or unblock the channels enter the password and press ENTER. Highlight the channel you want to block with UP/DOWN buttons and press ENTER. When finished, press the EXIT button continuously to exit.

DETAILED INSTRUCTIONS

1. Press the Enter button on the General → Channel Block item to display the Channel Block sub page.

※ All channels are non-Blocked in default.

2. Press the UP or DOWN button to select the channel that you want to skip.

- ◆ When there is more than one channel page:
 - ◆ To go to the previous page, press the RED  button.
 - ◆ To go to the next page, press the GREEN  button.
- ◆ When there is one channel page:
 - ◆ To select the first slot, press the RED  button.
 - ◆ To select the last slot, press the GREEN  button.

3. Press the Enter button to change Channel Block status.

- ◆ Channel without a lock icon is a non-blocked channel.
- ◆ Channel with a lock is a blocked channel.



4. Press the EXIT button to exit.

- ◆ To watch a blocked channel,
 1. Press the Enter button to display the password dialog.
 2. Key-in the correct 4-number-password.
- ◆ The locked channel is temporarily un-locked. After the TV is powered off, the un-locked channel / program is relocked.

EPG Explained



| | | |
|----------|-----------------------|---|
| 1 | Current Date and Time | Displays the local date and time. |
| 2 | Channel List | Displays the previous channel number, current channel number, current channel name and next channel number. |
| 3 | Program List | Displays the presenting date, starting time, program title, lock indicator and closed caption flag of the programs. |
| 4 | Video | Displays the current TV program video. |
| 5 | Channel Info | Displays the channel number and channel name of the currently selected channel. |
| 6 | Program Detail | Displays the starting time, ending time, presenting date, and content advisory of the selected program. |
| 7 | Program Description | Displays the detailed program descriptions of the selected program. |
| 8 | Page Index | Displays the page index for the program descriptions. |
| 9 | Help List | Displays the function that is enabled. |

Rating Explained

General Operation

To block channels you don't want your children to watch, you can filter them with the ratings function. MPAA lets you control ratings for movies you allow your children to watch on the TV. For regular TV programs you can use USTV settings. USTV settings lets you filter what content you want each age level, TV-Y, to TV-MA (refer to definitions below) to be able to watch. Look at the rows, you will see each age level. The columns consists of different content representations (refer to definitions below). Set the blocking on each age limit by highlighting the corresponding column and press ENTER. You can unblock the ratings by re-pressing the ENTER button at the same location. After you have finished setting ratings up, press MENU to exit. Below are definitions for each setting.

USTV

TV-Y (USTV) –For All Children

This program is designed to be appropriate for all children. Whether animated or live-action, the themes and elements in this program are specifically designed for a very young audience, including children from ages 2-6. This program is not expected to frighten younger children.

TV-Y7 (USTV)- Directed to Older Children

This program is designed for children age 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence or comedic violence, or may frighten children under the age of 7. Therefore, parents may want to consider the suitability of this program for their very young children.

Note: For those programs where fantasy violence may be more intense or more combative than other programs in this category, such programs will be designated TV-Y7-FV.

TV-G (USTV) - General Audience

Most parents would find this program suitable for all ages. Although this rating does not signify a program designed specifically for children, most parents may let younger children watch this program unattended. It contains little or no violence, no strong language and little or no sexual dialogue or situations.

TV-PG (USTV) - Parental Guidance Suggested

This program contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The theme itself may call for parental guidance and/or the program contains one or more of the following: moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).

TV-14 (USTV) - Parents Strongly Cautioned

This program contains some material that many parents would find unsuitable for children under 14 years of age. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).

TV-MA (USTV) - Mature Audience Only

This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17. This program contains one or more of the following: graphic violence (V), explicit sexual activity (S), or crude indecent language (L).

TV program description

FV - Fantasy Violence

V - Violence

S - Sexual Situations

L - Adult Language

D - Sexually Suggestive Dialog

MPAA

G (MPAA)

General audiences. All ages admitted.

PG (MPAA)

Parental guidance suggested. Some material may not be suitable for children.

PG-13 (MPAA)

Parents strongly cautioned. Some material may be inappropriate for children under 13.

R (MPAA)

Restricted. Under 17 requires accompanying parent or adult guardian (age varies in some jurisdictions).

NC-17 (MPAA)

No one 17 and under admitted.

X (MPAA)

X is an older rating that is unified with NC-17 but may be encoded in the data of older movies.

Other Information

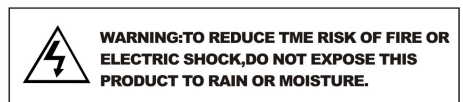
Cleaning the LCD TV

- Wipe the LCD TV with soft or dry cloth.
- Do not use solvent or methylbenzene. Harsh chemicals may damage your LCD TV.
- Make sure the LCD TV is unplugged before you clean it.

Warning

BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY.

The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit will be used meets the required voltage (e.g., AC 230V, 50Hz, or AC 120V, 60Hz) written on the rear panel.



The lightning flash with arrow head symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Troubleshooting

The following table contains the common problems and the solutions to these problems.

Please check this list before you contact the technicians.

| Problems | Reasons | Solutions |
|-----------------|---|---|
| No picture | 1. Did you connect the power cord? | 1. Connect power cord correctly. |
| | 2. Did you turn on the power? | 2. Turn on power. |
| | 3. Is the signal cable connected correctly? | 3. Connect signal cable correctly. |
| | 4. Is the selected input signal source connected? | 4. Select the input signal source with proper cable connection. If you have cable, select cable inside TV OSD, or else select Air. If you have HD antenna, make sure it is connected to the ATSC tuner instead of the NTSC tuner. |
| | 5. Are you using the ATSC tuner ? | 5. Adjust your HDTV antenna, sometimes if the HD signal is not complete thru the antenna, the image will not be displayed. |
| | 6. Still no video ? | 6. Check your source by pressing the source PC or source AV button and cycle thru all the input ports. |
| Abnormal colors | Is the signal cable connected correctly? | <ul style="list-style-type: none"> ▪ Properly connect the signal cable. ▪ Color cables should match the colored port ie. red to red, green to green and blue to blue. |
| Picture too | Are brightness and contrast set at | Adjust brightness and contrast. |

| Problems | Reasons | Solutions |
|---------------------------------|--|--|
| dark | the lowest level? | |
| Audio only, no picture | 1. Is input signal cable connected correctly? | 1. Check the signal cable connection. Make sure your video cable is in the right group as the audio cable. |
| | 2. Is the TV signal too weak? | 2. TV-RF signal must not be lower than 50 dB. |
| Picture only, no audio | 1. Is signal cable connected correctly? | 1. Connect signal cable correctly. |
| | 2. Is the audio volume set at the lowest level? | 2. Adjust volume to proper level. |
| | 3. Is audio signal cable not connected? | 3. Connect audio cable correctly. |
| | 4. Is the TV signal cable too weak? | 4. TV-RF signal must not be lower than 50 dB. |
| Remote controller does not work | 1. Is the battery dead? | 1. Change battery. |
| | 2. Is there any interference from static or thunder? | 2. Turn off power for 10 seconds, and then turn the power back on. |

| Problems | Possible solutions |
|---|--|
| Can not receive UHF | Change the signal line to other input-end; make sure your antenna is capable of receiving UHF. |
| Can not receive sufficient channels through antenna | Please use the channel scanning function to increase the number of channels. |
| No colors | Please adjust the color setup, and make sure your signal cable is tightly connected. |
| Blinking picture accompanied by signal box image | Check the connection of antenna/signal cable. |
| Broken lines or segments | Adjust antenna. Keep the TV away from noise sources such as neon lights, and hair dryer. |
| Certain TV channels are blocked | Please use the channel scanning function or v-chip function to unblock. |
| Can not access a picture menu | <ul style="list-style-type: none"> ▪Make sure your Picture is both on “User Mode” by pressing the “Picture” button until the upper left hand corner says “User Mode”. |
| Universal Remote Code | This television is designed with SONY television universal remote codes. |
| TV has lines of colors across the screen | <ul style="list-style-type: none"> ▪This is a big LCD screen, it takes time for electricity to charge up to power the screen and takes time for the large screen to deplete all its residual electricity. ▪Please do not turn the TV on and off really quickly. ▪Between the time which you turn off the TV and the time which you turn it on, there should be at least 50 seconds to 70 seconds. |

| Problems | Possible solutions |
|--|--|
| TV is turned on, stand by light is blue but no picture | <ul style="list-style-type: none"> ▪This is a big LCD screen, and needs time to warm up to show the picture. ▪Please wait for 15-30 seconds for the picture to show up. |
| No Picture on PC (DVI port) | <ul style="list-style-type: none"> ▪Is your video card's DVI port turned off by default? ▪Go into your video card's advance menu to make sure 2nd monitor / DVI port is turned on. |
| No Sound on PC | Make sure your green connector head audio cable is connected. |
| Satellite / Digital Cable box says HDCP not compatible. | <ul style="list-style-type: none"> ▪Reboot your satellite / digital cable box by turning them off then unplugging the power cord. ▪Wait for at least 1-3 minutes and plug them back into the wall and turn on the power. |
| Satellite / Digital Cable box has no video on HDMI port. | <ul style="list-style-type: none"> ▪Make sure you're using the HDMI->HDMI cable. ▪If you're using the cable we've included in the box, then you should set your source to HDCP or DVI. |
| Cannot get 1366x768 on PC. | Although the screen's max resolution is 1366x768. No video card maker can support that resolution. The widely support resolution is 1360x768, please use that as your resolution. |
| I lost all my scanned in channels. | If you suddenly terminate the TV's power by unplugging the TV without turning it off first, you will lose the channels. Please re-scan all channels to get them back. |

Appendix

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *Reorient or relocate the receiving antenna.
- *Increase the separation between the equipment and the receiver.
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Caution: To comply with the limits for an FCC Class B computing device,
always use the signal cord and power cord supplied with this unit.

The Federal communications Commission warns that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

European Notice

Products with the CE marking comply with both the EMC Directive (89/336/EEC), (93/68/EEC) and the Low Voltage Directive (72/23/EEC) issued by the Commission of the European Community.